"Customer Service is Our Goal"

E-Zee Milking Equipment, LLC

Here to serve the dairy industry

3910 E. Newport Road • Gordonville, PA 17529

2012 Retail Catalog

Milking Equipment and Replacement Aftermarket Parts

800-729-4118

"Customer Service is Our Goal"

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Product Disclaimer ~ 2012

This catalog is a listing of E-Zee's new items along with a few rebuilt items. NOTICE: Some new items are "replacement - knockoffs" and are copies of original products. In most cases they will be identified with the word "replacement". Some rebuilt items are rebuilt with "copy" aftermarket parts. These copies are not original to the manufacturer and have not been licensed by, recommended by, or endorsed by the manufacturer. All trademarks and service marks are the property of their respective owners.

E-Zee Milking Equipment, LLC is not an authorized dealer or representative for DeLaval®, Universal®, Germania®, Westfalia®, Surge®, IBA®, Bou-Matic® and Mueller®.

*DeLaval®, Universal®, and Germania® are registered trademarks of DeLaval Inc.

** Surge® and Westfalia® are registered trademarks of Westfalia-Surge Inc.

***Bou-Matic® is a registered trademark of Bou-Matic LLC.

IBA® is a registered trademark of IBA, Inc.

Mueller® is a registered trademark of Paul Mueller Company.

Return Goods

All returned items need to have a copy of the invoice from when the items were originally purchased and a filled out RMA form, see page 139. Items should be returned within 30 days of the invoice date or a restocking fee may be applied. E-Zee will not be responsible for any shipping costs on incorrect orders that were placed **without** our part number.

Terms

Our terms are net 30 days with approved credit. If you cannot supply us with a good credit history your order will either have to be sent COD or paid with a credit card before it is shipped.

Warranty Information

E-Zee's warranty covers all material and workmanship defects at the time of the sale. A one year warranty applies to most new products and 30 days on used equipment, unless otherwise noted DISCLAIMER OF WARRANTIES: THE PRODUCTS ARE SOLD WITH NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE AND NO WARRANTY OF MERCHANTABILITY – THERE ARE NO OTHER WARRANTIES (WHETHER EXPRESS OR IMPLIED) OF ANY KIND other than E-Zee's obligation to either replace the defective product(s) or issue a full credit for any defective product that is received by E-Zee at 3910 East Newport Road, Gordonville, PA 17529 or any of our E-Zee locations, and accompanied by a copy of the original invoice. If any product is not capable of replacement (as E-Zee in its sole discretion may determine), E-Zee will issue a full credit for that product's actual purchase price (not including shipping and handling costs, if any) to the purchasing customer. E-Zee is not responsible for any extra labor charges that are incurred on warranty work. We will not be responsible for any damages, loss, expenses incurred or any other consequential damages, of any kind, that arise from use or the inability to use any of our products. All products are sold with the understanding that the end user will test these products in actual use and determine the adaptability of their intended use.

Ordering/Shipping/Pricing

We will try to ship all orders the same day we receive them, providing we receive them by 12:00 Noon (Eastern Time). Any special orders, phone orders or orders without part numbers will need at least one extra day to process unless you request AIR shipping or ask us to prioritize if an order is urgent.

PLEASE NOTE: Orders that are under $35.00 are subject to a $5.00 handling charge AND orders that are drop shipped under $50.00 are subject to a $5.00 handling charge.

Replacement Claws That Fit Germania®

These are excellent replacement claws with a high-polish finish and a large capacity. The window and gaskets interchange with Germania® and DeLaval®. Weight and capacity are almost identical to the original models. Available in 5/8" and 3/4" ID milk outlet.

10050 - 5/8" Lightweight claws, standard/herringbone

10053 - 3/4" Lightweight claws, standard/herringbone

Outside Width 3½"
Inside Width 2½"
Approx. Weight 25 oz

For 3/4" claws use part 10353 for air tee

10040 - 5/8" Lightweight claws for parallel, nipples reversed

10043 - 3/4" Lightweight claws for parallel, nipples reversed

Outside Width 3½"
Inside Width 2½"
Approx. Weight 25 oz

Reverse = Parallel

California Style Claws

These popular, easy-to-handle vented claws, will give your customers durability and easy milk flow at a very economical price. We stock various styles in 5/8" and 3/4" ID, to suit your customers' needs. See page 11 for air tees. (Windows and gaskets interchange with Germania® and DeLaval®)

Outside Width 2¾"
Inside Width 1¾"
Approx. Weight 27 oz

"Bottom Unload Claws"

10330 - 5/8" California barrel claw, bottom unload, standard/herringbone

10102 - 3/4" California barrel claw, bottom unload, standard/herringbone

10541 - 5/8" California barrel claw, bottom unload for parallel, nipples reversed

10540 - 3/4" California barrel claw, bottom unload for parallel, nipples reversed

"Top Unload Claws"

10107 - 3/4" California barrel claw, top unloading, standard/herringbone

(THIS IS NOT A STOCK ITEM By special quantity order only.)

10103 - 3/4" California barrel claw, top unloading, parallel, nipples reversed

(THIS IS NOT A STOCK ITEM By special quantity order only.)

Outside Width 2¾"
Inside Width 1¾"
Approx. Weight 27 oz

Reverse = Parallel

Replacement Parts for California and Germania®

10042 - Window for DeLaval®, Germania®, or California
10044 - White gaskets for DeLaval®, Germania®, or California
10046 - Window clips for DeLaval®, Germania®, or California
10048 - White plugs for Germania®, 5/8"
10049 - White plugs for Germania®, 3/4"

See page 11 for our full line of air tees, including the wider ¾" version.

Replacement Claws and Parts That Fit DeLaval®

Super Lite Copy Claws

10876 - Complete claw ***with valve*** - *with 10895 bowl*
10875 - Complete claw ***without valve*** - *with 10894 bowl*
10887 - Claw top - less bowl kit
Includes: air chamber, gaskets, hanger and screws
10886 - Stainless claw top, ONLY

10876

111175

Complete Original USED Super Claws

111175 - **USED** claw with 10895 bowl ***with valve***
111168 - **USED** claw with 10894 bowl ***without valve***

Replacement Parts For Original Super Claws/Super Lite Claws

Also called Super Flo and Super Flo Lite

10873 - Bowl gasket for original Super claw
10881 - Bumper for Super claw
10884 - Air chamber for Super Lite claw
10899 - Gasket for Super Lite air chamber
10885 - Top stainless hanger with loop for Super Flo Lite
10883 - Screw that fits Super Lite claw top
10882 - Clear plastic vent for Super claw *(larger vent)*
10864 - Shutoff clip
10862 - White shutoff

10882

10862

Replacement Super Bowl, ONLY

10894 - Super bowl, ***without valve hole***
10895 - Super bowl, ***with valve hole***
(interchanges with the white shutoff)

Replacement Super Bowl Kit

10896 - Kit, ***without valve hole***
Includes: Bowl, gasket and bumper
10897 - Kit ***with valve hole***
Includes: Bowl, gasket, bumper and shutoff
(interchanges with the white shutoff)

Replacement Parts That Fit All DL

23105 - Rubber Y to convert to single pulsation

23106 - Plastic insert for rubber Y

Replacement Parts for E-Zee's Copy Super Claw ONLY

These parts DO NOT interchange with the original

10877 - Complete claw ***with valve*** - with 10878 bowl kit
10878 - Complete Super bowl kit
10890 - Super bowl only ***with valve hole***
10891 - Thicker gasket with lip
10861 - Shutoff

Complete Replacement Flow-View Style Claws

10867 - Alternating Flow-View claw, ***with replacement bowl***
10868 - Alternating Flow-View claw, ***with 03145 new original bowl kit***

Replacement and Original Parts For Flow-View Claws

10869 - Alternating stainless top only for Flow-View claw
10863 - Complete Flow-View bowl kit, 180 cc, ***Includes: bowl, gasket, bumper, shutoff and shutoff clip***
10860 - Bowl only for Delaval® style Flow-View claw, 180 cc
10865 - Bowl gasket for Flow-View bowl, ***not for original claw***
10871 - Bowl with bumper for Flow-View claw
10866 - Bowl gasket for ORIGINAL Flo-Vu bowl ***(No stretching needed)***
10861 - Shutoff for Flow-View bowl, ***not for original claw***
10864 - Shut off clip
10870 - Bumper for Flow-View claw, ***not for original claw***
10888 - White vent for old original style Flo-Vu claw ***(smaller vent)***
03145 - ORIGINAL Flo-Vu bowl KIT, ***with valve*** and copy rubber parts
03140 - ORIGINAL Flo-Vu bowl ONLY, ***with valve hole*** (99670084 DL)
03143 - ORIGINAL Flo-Vu bumper (98588701 DL)

10888

10867

Replacement Claws and Parts That Fit Harmony®

10840 - Complete New Style Claw with valve and used base

Replacement Parts For New Style Harmony®

10845 - Complete replacement kit for Harmony® claw
Includes: top, liner support, both gaskets, shutoff, shutoff clip and vent

10850 - Replacement tops

10825 - Top, ***with valve hole*** *(Not Pictured)*

10828 - Kit, ***without valve hole.***
Includes support, both gaskets, and top

10864 - New style shutoff clip

10856 - Inner gasket

10853 - Outer gasket

10848 - Liner support

10839 - Vent

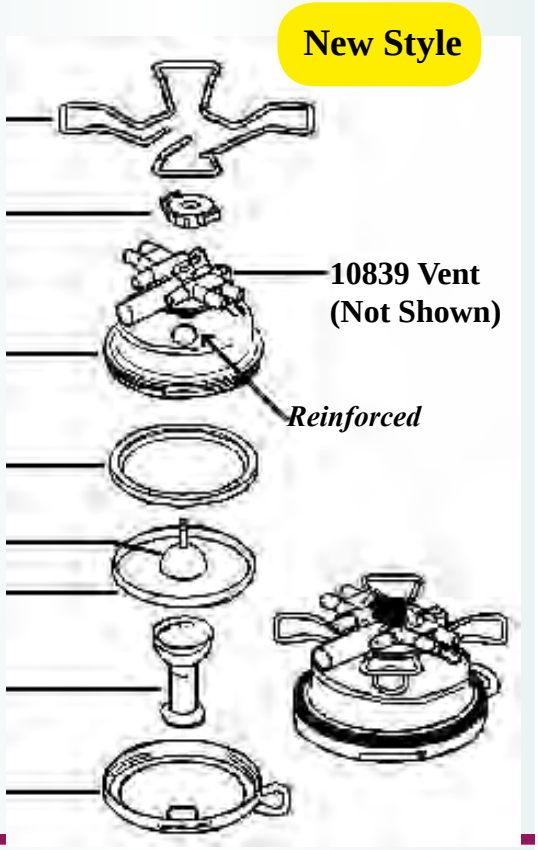
10858 - Shutoff for bowl

10835 - Center milk tube

112860 - Used original stainless base

10851 - Takeoff loop *(Not Pictured)*

10829 - Plug to convert claw with shutoff hole to without hole *(Not Pictured)*



Replacement Parts That Fit Old Style Harmony®

10843 - Kit, **NO LONGER AVAILABLE**
Option is to Order Update kit **10845**
(as listed above)

10859 - Top Only, **NO LONGER AVAILABLE NEW**
Option is to Order Update kit **10845**
(as listed above)
or we have used Old Style tops **112800**

10857 - Old style thick shutoff clip

10856 - Inner gasket

10854 - Outer gasket for bowl

112855 - **USED** liner support

10858 - Shutoff

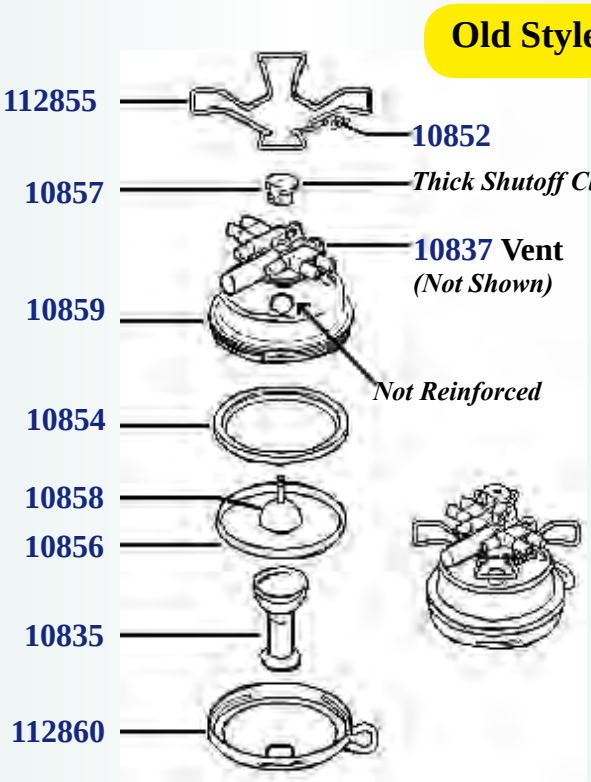
10837 - Vent

10835 - Center milk tube

112860 - Used original stainless base

10851 - Takeoff loop

10852 - Side clip



Replacement 300cc Claws with Radel Plastic Bowls

Complete Claws vented, without valves

	Twin	x	Air	Stainless Air Chamber
13304	9/32"	x	9/32"	Side to side
13305	9/32"	x	9/32"	Back to front
13306	3/8"	x	1/4"	Back to front
13307	3/8"	x	9/32"	Back to front
13314	1/4"	x	1/4"	Back to front

	Twin	x	Air	Plastic Air Chamber
13300	9/32"	x	9/32"	Side to side
13312	9/32"	x	9/32"	Back to front

Complete Claws vented, with valves

	Twin	x	Air	Stainless Air Chamber
14326	9/32"	x	9/32"	Side to side
14327	9/32"	x	9/32"	Back to front
14328	3/8"	x	1/4"	Back to front
14329	3/8"	x	9/32"	Back to front
14333	1/4"	x	1/4"	Back to front

	Twin	x	Air	Plastic Air Chamber
14300	9/32"	x	9/32"	Side to side
14331	9/32"	x	9/32"	Back to front

Non vented available, with change of top - use part #14340 along with Claw Part#

Replacement Parts Kits for 300cc Claw

Claw Kits with Plastic Air Chamber

13319 - Kit, less Bowl, *without valve*
(Includes: plastic air chamber, specify size and style)

14319 - Kit, less Bowl, *for claw with valve*
Includes: plastic air chamber, specify size and style, valve not included with kit

13374 - Kit, less SS top for 300cc
without valve, plastic air chamber (specify size & style)

14372 - Kit, less SS top for 300cc
with valve, plastic air chamber (specify size & style)

Claw Kits with Stainless Air Chamber

13320 - Kit, less Bowl, without valve
(Includes: stainless air chamber, specify size and style)

14349 - Kit, less Bowl, *for claw with valve*
Include: stainless air chamber, specify size and style, valve not included with kit

13370 - Kit, less SS top for 300cc
without valve, stainless air chamber (specify style & size)

14370 - Kit, less SS top for 300cc
with valve, stainless air chamber (specify style & size)

Bowl Kit without valve

13360 - Bowl kit *without* valve
Includes: bowl, bowl gasket, small center seal, and rubber bumper

Bowl Kit with valve

14360 - Bowl kit *with* valve
Includes: bowl, bowl gasket, small center seal, rubber bumper, shutoff valve and shutoff clip

Rubber Parts

14305 - Bowl gasket
14302 - Shut off clip
14306 - Rubber bumper
14307 - Small gray center gasket
14352 - Black rubber shut off valve
14351 - Grey shut off valve

Miscellaneous Parts

13350 - Bowl ONLY, *without* valve hole
14350 - Bowl ONLY, *with* valve hole
14313 - Black nut
14317 - Stainless top nut *(replaces plastic one)*
14304 - Bolt holder for shut off
14318 - Stainless flat tab for bolt holder
13308 - Bolt for claw without valve
14308 - Bolt for claw with valve
14322 - New style light weight claw hanger
14312 - Stainless top hanger with loop
14346 - Stainless top hanger with hook
14315 - Stainless top *vented*
14340 - Stainless top *non vented*
14344 - Stainless CIP bracket *for 300E claw*

Air Chambers, ONLY

	Twin	x	Air	Stainless Air Chamber
14320	9/32"	x	9/32"	Side to side
14324	9/32"	x	9/32"	Back to front
14321	3/8"	x	9/32"	Back to front
14323	3/8"	x	1/4"	Back to front
14336	1/4"	x	1/4"	Back to front

	Twin	x	Air	Plastic Air Chamber
14309	9/32"	x	9/32"	Side to side
14335	9/32"	x	9/32"	Back to front

13325 -Rubber parts kit for 13300 claw

Includes: 1 - 14305 Bowl gasket,
1 - 14306 Rubber bumper
1 - 14307 Small grey center seal

14355 -Rubber parts kit for 14300 claw

Includes: 1 - 14305 Bowl gasket
1 - 14306 Rubber bumper
1 - 14307 Small grey center seal
1 - 14302 Shutoff clip
1 - 14351 Grey shutoff

Stainless Top Hanger with Hook

The Kleen-Flo claws are also available with the Surge® style hooks. To order claws with the hooks use the regular part # plus #14347.
Also add $10 ($15 retail) to the cost of the claw.
If ordering separately order part 14346

Replacement Claws and Parts for Surge®

Used Claws and Replacement Parts for Oval and Eclipse®

We are no longer carrying a replacement Oval claw, however we have considerable stock on Good Original Used Eclipse® Claws and still offer replacement windows, gaskets and clips

132000 - **USED** Eclipse claw, ***with valve-new windows & gaskets with top hook***
132001 - **USED** Eclipse claw, ***with valve-new windows & gaskets without top hook***
132050 - **USED** Eclipse claw, ***without valve-new windows & gaskets***

} **Standard/Herringbone**

132100 - **USED** Eclipse claw, ***without valve, <u>REVERSED NIPPLE</u> with new windows and gaskets***

Replacement Claw Parts

10442 - Window for Oval and Eclipse® ~ Molded style
10449 - Black window gasket for Oval claw ***(standard size)***
10441 - Black window gasket for Oval claw ***(thicker than original)***
10447 - Flat window clip for Oval claw
10448 - CIP hook for Eclipse claw

64601 - Repair kit for valve
(Includes: 1-64603 and 2-64604)

Replacement Claw Parts That Fit Orbit®

64587 - Replacement top only for Orbit® claw, ***with nuts*** UDEL
64588 - Complete replacement kit for Orbit® claw,
Includes top, nuts, screws, gasket, and the rubber grommet
64589 - Replacement gasket for Orbit® claws
64605 - Rubber grommet for Orbit® top
64603 - Tabbed o-ring for Shutoff
64604 - Silicone o-ring for Orbit® valve
64601 - Repair kit for valve ***(Includes: 1-64603 and 2-64604)***
64610 - Insert nut for Orbit® top ***(sold as a bag of 12)***
64612 - Screw for Orbit® top ***(sold as a bag of 12)***

64588

Inserts are already included in our tops

Replacement Parts That Fit Westfalia® Barrel Claws Claws

10055

10062 - Window for Westfalia® barrel claw
10064 - Window gasket for Westfalia® barrel claw
10058 - Bumper for standard Westfalia® style barrel claw
10059 - Bumper for back flush Westfalia® style barrel claw
10055 - Stainless valve for barrel claw ***(replaces the plastic)***
10056 - O-ring for stainless or plastic valve

10059

Replacement Parts For Bio® Claws

10071 -Window

10073 - O-ring for window

NEW ITEM

17537 - Red air bleed

17539 - O-ring for Bio red air bleed
17535 - Pliers for inflation

Original Parts For Bio® Claws

05120 - Locking piece (7022 2614 000)
05123 - Center guide piece (7022 2615 000)
05125 - Air fork (7022 2628 050)
05132 - Vac-u-stop, ***Pkg. of 4*** (7022 9925 040)
05134 - Elbows for shell, ***Pkg. of 4, green 90°*** (7022 9925 150)
05135 - Elbows for shell, ***Pkg. of 4, orange L shape*** (7022 9925 150)
05137 - Tool for Vac-u-stop (7027 9826 050)
05145 - Clear milk Y (0018 6139 820)
05150 - Twin milk hose, ***per foot*** (4021 0239 026)
05153 - Screen for air bleed (7022 2611 000)

Replacement Claws and Parts That Fit BouMatic®

These claws are an excellent replacement choice for BouMatic® and IBA®. The windows and gaskets interchange with the original claws. Choose from either 5/8" ID or 3/4" ID. See page 11 for air tees.

"Bottom Unload Claws"

10390 - 5/8" BouMatic® standard/herringbone style

10410 - 5/8" BouMatic® Wide body style standard/ herringbone style

10120 - 3/4" BouMatic® mid size, standard/herringbone style

10408 - 5/8" BouMatic® mid size style, parallel

"Top Unload Claws"

BouMatic® Style

IBA® Style

USE WITH SIDE X SIDE AIR TEES ONLY

See page 11 for specially designed, shorter width air tees for the top unload IBA® style claws.

10222 - 3/4" mid size claw, parallel

10228 - 3/4" mid size claw, standard/herringbone

(THIS IS NOT A STOCK ITEM By special quantity order only.)

10495- 5/8" top unload, standard/herringbone style claw, comes with stainless shutoff but without window clips (flush style)

10030 - 5/8" standard/herringbone claw comes with positive shutoff nipples and window clips

10230 - 3/4" top unload claw, standard/herringbone with window clips ***(THIS IS NOT A STOCK ITEM By special quantity order only.)***

10490 - 5/8" standard/herringbone claw without window clips

10020 - 5/8" parallel claw with positive shutoff nipples, and window clips

10220 - 3/4" top unload claw, parallel claw, with window clips ***(THIS IS NOT A STOCK ITEM By special quantity order only.)***

Replacement Claw Parts for BouMatic® and/or IBA®

10021 - Window for BouMatic® or IBA® claw

10023 - Gray window gasket for BouMatic® or IBA®

10031 - Rubber pad for bottom unload BouMatic® style claws. ***(Currently only available for standard/herringbone body claws)***

21912 - O-ring for valve on 5/8" BouMatic® barrel claw ***(2 required)***

10033 - O-ring for valve on 9/16" BouMatic® barrel claw ***(1 required)***

10034 - Tab gasket for valve on 9/16" BouMatic® barrel claw ***(1 required)***

10027 - Window clip for IBA®

10028 - White top plug for 5/8" BouMatic® or IBA® claw

10049 - White top plug for 3/4" BouMatic® or IBA® claw

10021

10023

10031

Replacement Parts For Flo Star®

Udel Claw Tops

14429 - **Standard** Flo Star® top, ***vented***
14430 - **Standard** Flo Star® top, ***non vented***
14451 - **Classic** Flo Star® top, ***vented***
14450 - **Classic** Flo Star® top, ***non vented***

Higher Profile = Standard

Radel Claw Tops

14463 - **Standard** Flo Star® top, ***vented***
14461 - **Standard** Flo Star® top, ***non vented***
14467 - **Classic** Flo Star® top, ***vented***
14465 - **Classic** Flo Star® top, ***non vented***

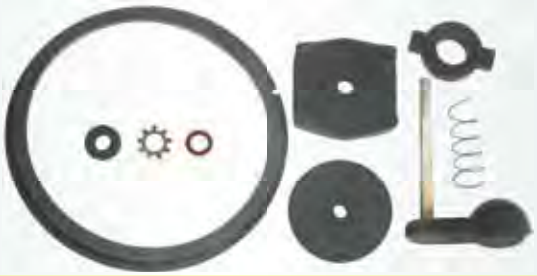
Low Profile = Classic

Original Flo Star® Claw Parts

04045 - Flo Star® claw base, ***with hole*** (BM #8517680)
04050 - Flo Star® claw base, ***without hole*** (BM #8517681)
04048 - Flo Star® claw top, MAX, ***non vent***, (BM #8512527)
04049 - Flo Star® claw top, MAX, ***vented***, (BM #8512527)

Replacement Claw Kits

14420 - 9 piece kit for standard ***with valve***
INCLUDES: valve spring, small center seal, bowl gasket, shutoff valve, shutoff clip, top seal for standard, top seal for classic, bumper o-ring, and star washer for hanger



14421 - 6 piece kit for standard ***without valve***
INCLUDES: small center seal, bowl gasket, top seal for standard, top seal for classic, bumper o-ring, and star washer for hanger

Both kits work for the Classic and the Standard Flo Star® Claws and 14421 also works for Flo Star® Max

Replacement Rubber Parts

14440 - Bowl gasket for Flo Star®
14431 - Top seal for Flo Star® Standard claw
14437 - Top seal for Flo Star® Classic top
14448 - Shutoff valve for Flo Star®
14445 - Shutoff clip for Flo Star®
14407 - Small center seal for Flo Star® claw
14406 - Small o-ring for bumper shaft of Flo Star® claw

Replacement Miscellaneous Claw Parts

14402 - Nut that fits on Flo Star® claw valve
14449 - Valve handle for Flo Star®
14403 - Washer that fits on Flo Star® claw valve
14408 - Stainless ring for center seal of Flo Star
14409 - Spring for Flo Star® valve
14410 - Replacement stainless top knob for Flo Star® claw
14411 - Star lock washer for top knob of Flo Star®
14435 - Hanger for CIP to Flo Star®, stainless, L bracket
14447 - Sleeve for Flo Star® shutoff

Replacement Valve Kit

14443 - Valve kit for Flo Star®
INCLUDES:
14449 - Flo Star® valve handle
14402 - Nut for Flo Star® claw valve
14403 - Washer for Flo Star® claw valve
14409 - Spring for Flo Star® valve
14445 - Shut off clip for Flo Star®
14447 - Sleeve for Flo Star® shutoff
14448 - Shutoff valve for Flo Star®

Replacement Claws and Parts That Fit Universal®

For Full-View®

Also called Sta Rite

64578 - Complete copy claw, die cast base and Full View® style top...(used air tee)

Replacement Parts

64590 - Bowl for Full-View® claw UDEL
64593 - Bowl for Full-View® claw RADEL
64585 - Gasket for Full-View® or T-Flo claw
64563 - Knurled nut for claws
64582 - Stainless die cast bottom only

64590

For Tidal-Flo®

64579 - Complete claw, die cast base and T-Flo style top, with black manifold *(shown)*.....

64575 - Complete claw ***without tee***, die cast base and T-Flo style top, with clear spacer ***(requires a loose air tee - not shown)***

Replacement Parts

64580 - Bowl for T-Flo claw.....
64585 - Gasket for T-Flo claw
64572 - Top stainless plate with loop, ***countersunk holes***
64556 - Top loop screw with flat head, v shaped
64583 - Top spacer for T-Flo claw bowl
64564 - Small side spacer for T-Flo claw bowl ***(use 2 per claw)***
64551 - Side bolt for T-Flo claw
64552 - Lock nut for T-Flo claw
64563 - Knurled nut for claw
64582 - Stainless die cast bottom only
03903 - Tidal Flo black manifold (Tee) ***256261 DL***

64563
Knurled nut for claw

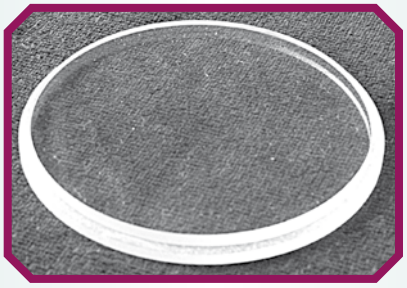
64566
Gasket for light Universal® claw

64585
Gasket for Full-View® or Tidal Flo® claw

64583
Spacer for Tidal Flo® claw bowl

Replacement Parts That Fit Beco® Claws

10066 - Window



10068 - Window gasket

10019
- Window removal tool for barrel claw

Replacement Shells

10010 - Rolled edge 06 style shell

10013 - Shell that fits Westfalia®

10009 - Shell that fits BouMatic®

10015 - Surge "C" shell

64529 - Stainless weight for plastic shell *(1 per shell)* ***Approx. weight 140 grams or 4.5 oz.***

64533 - Plastic shell ***for gold or silver weights***

132750 - Used Jet flo shell

Genuine NuPulse® Shells

There are 2 gauges of high quality Stainless Steel Shells. The heavyweight 14 gauge shells are used with the NuPulse claws for a more even distribution of the total claw weight. The lightweight 16 gauge shells are used on conventional milkers and are made to fit the long life NuPulse liners.

MZ10047NP

MZ20705NP - Heavy Shells
MZ10047NP - Lightweight Shells

Replacement Silicone O-rings for Visi Shell

10006 - Thin
10007 - Thick
10008 - Medium

Replacement Air Tees

Bottom Unloading

11470 - Back to front ***for Surge® barbed, as pictured***

11472 - Air tee for oval claw, 3/8" x 9/32" smooth, ***not pictured***

11483 - 9/32" single tee

11480 - 9/32" side to side tee

11445 - 9/32" Air Tee for BM Flo-Star Classic Claw ***(flared)***

11440 - 1/4" Back to front tee
11420 - 9/32" back to front tee

11460 - 1/4" back to front tee, ***standard for Germania®***

10340 - 9/32" back to front tee, ***standard for Germania®***

10160 - 1/4" back to front tee, ***for IBA™, shorter width***

10170 - 9/32" back to front tee, ***for IBA™, shorter width***

Top Unloading

11487 - 1/4" x 3/8" for Surge®
11488 - 1/4" x 3/8" for Surge®, ***with extended tube for parallel style claws***

11450 - 1/4" side to side ***standard version***

10350 - 9/32" side to side ***standard version***

10353 - 9/32" side to side ***for 3/4" claw, wider version***

10140 - 1/4" side to side ***for IBA™ shorter version***

10150 - 9/32" side to side ***for IBA™ shorter version***

Original Claws and Parts

Unique best describes NuPulse's milker claw selection. The key element to the NuPulse Claw is the gentle milking action that is controlled by the cow. The more milk she gives the faster the pulsator works - as her milk slows down, the pulsator slows causing less stress on the teat ends.

10001NP - Standard claw, ***without valve***

The Standard claw is the original NuPulse Milking Machine with a milk hose and no pulsation hose. The unique vacuum balancing claw equalizes vacuum on both sides of the liner to ensure stress free healthy milking.

10067NP - MLX claw, ***without valve***

The MLX claw has both a milk hose, a pulsator hose, a bowl diaphragm that separates the middle and the base and a bleed hole located just below the claw hook.

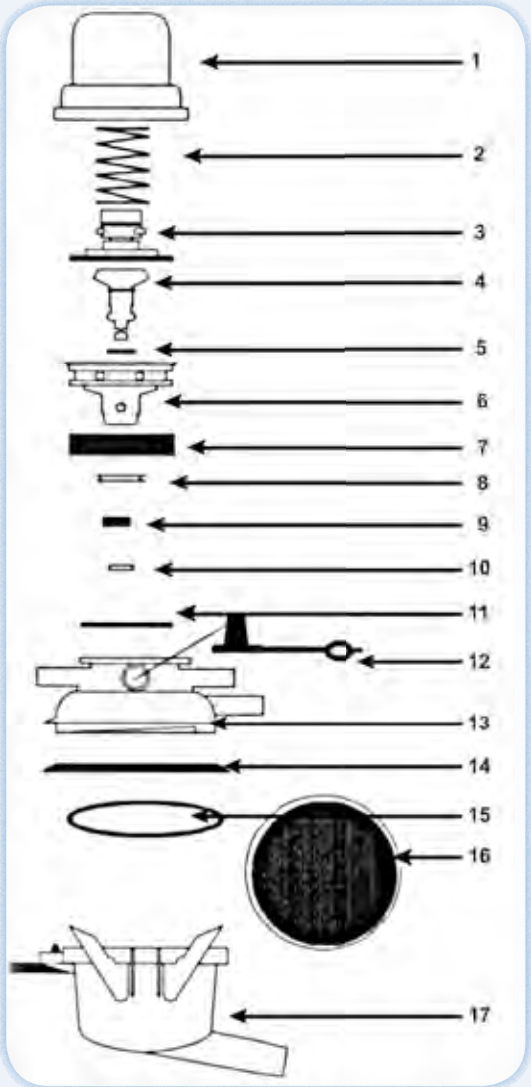
10019NP - Repair Kit for Standard Claw

10107NP - Repair Kit for MLX Claw

1 **MZ10006NP** - Dome
2 **MZ10007NP** - Pulsator Spring
3 **MZ10005NP** - Diaphragm Complete
4 **MZ10022NP** - Bobbin Only
5 **MZ10009NP** - Bobbin O-ring
6 **MZ10010NP** - Bobbin Housing
7 **MZ10028NP** - Air Filter
8 **MZ10015NP** - Bobbin Housing Seal
9 **MZ10011NP** - Bobbin Valve
10 **MZ10012NP** - Bobbin Clip
10008NP - Pulsator Bobbin Complete
11 **MZ10014NP** - Middle O-ring
12 **MZ10002NP** - Wash Plug, ***with Strap***

13 **MZ10016NP** - Standard Middle
13 **MZ10068NP** - MLX Middle, ***shown***
14 **MZ10030NP** - Claw Protector Seal
15 **MZ10017NP** - Square Base O-ring
16 **MZ10069NP** - MLX Diaphragm

17 **MZ10013NP** - Standard Claw Base
17 **MZ10070NP** - MLX standard bowl, ***vented***



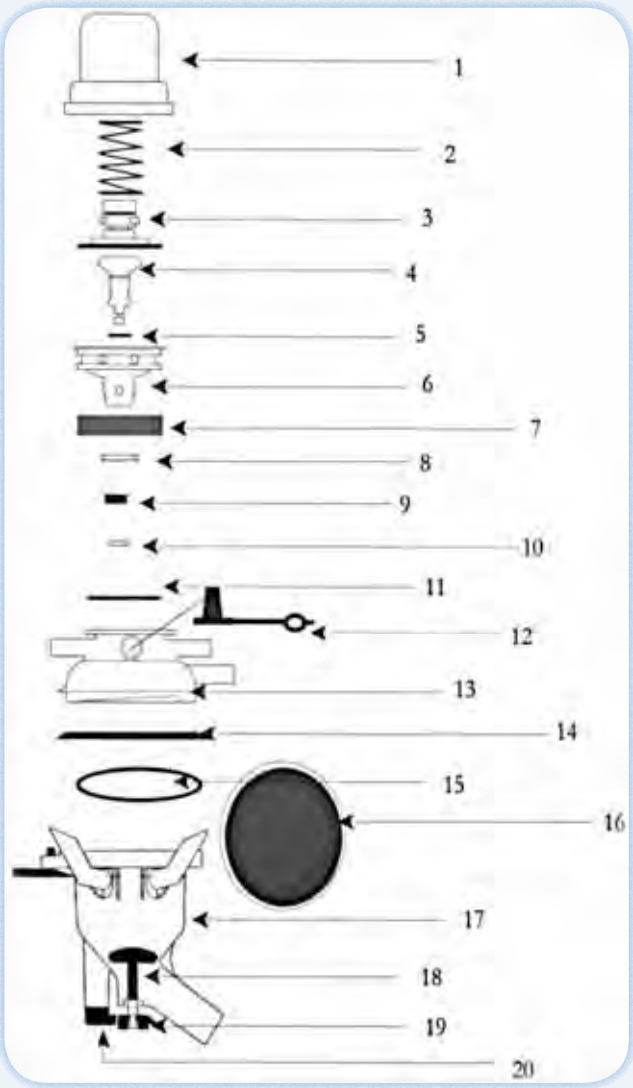
FulFlo Claws and Parts

The FulFlo claws are much like our original claw but are smokey blue/grey in coloer and have a deeper base with ¾" milk outlets.

12000NP - FulFlo Standard claw ***without valve***
12100NP - FulFlo Standard claw ***with valve***
12200NP - FulFlo Standard Claw, ***for Parallel Parlor***
12300NP - FulFlo Standard Claw, ***with ShutOff for Parallel Parlor***
12400NP - FulFlo MLX claw ***without valve***
12500NP - FulFlo MLX claw ***with valve***
12600NP - FulFlo MLX Claw, ***for Parallel Parlor***
12700NP - FulFlo MLX Claw, ***with Shut Off for Parallel Parlor***

12100NP

1	**MZ12001NP**	- Dome
2	**MZ10007NP**	- Pulsator Spring
3	**MZ10005NP**	- Diaphragm Complete
4	**MZ10022NP**	- Bobbin Only
5	**MZ10009NP**	- Bobbin O-ring
6	**MZ10010NP**	- Bobbin Housing
7	**MZ10028NP**	- Air Filter
8	**MZ10015NP**	- Bobbin Housing Seal
9	**MZ10011NP**	- Bobbin Valve
10	**MZ10012NP**	- Bobbin Clip
11	**MZ10014NP**	- Middle O-ring
12	**MZ10002NP**	- Wash Plug, ***with Strap***
13	**MZ12005NP**	- Standard Middle
13	**MZ12405NP**	- MLX Middle
14	**MZ10030NP**	- Claw Protector Seal
15	**MZ10017NP**	- Square Base O-ring
16	**MZ10069NP**	- MLX Diaphragm
17	**MZ12010NP**	- Standard Bowl
17	**MZ12110NP**	- Standard Bowl, ***with Shutoff***
17	**MZ12210NP**	- Parallel Bowl
17	**MZ12310NP**	- Parallel Bowl, ***with Shutoff***
17	**W12210NP**	- Std Parallel Parlor Base, ***DRILLED for ShutOff***
17	**MZ12410NP**	- MLX Bowl
17	**MZ12510NP**	- MLX Bowl, ***with Shutoff***
17	**MZ12610NP**	- Parallel MLX Bowl
17	**MZ12710NP**	- Parallel MLX Bowl, ***with Shutoff***
18	**MZ12016NP**	- Shutoff Valve
19	**MZ12017NP**	- Shutoff Clip
20	**MZ12015NP**	- Rubber Foot
	MZ10031NP	- Rubber Hook



Kleen Flo® Inflations

With a Higher Volume of Natural Rubber for an Exceptional Performance Inflation

We realize with the many different brands and styles of inflations already in today's market it is difficult to choose the optimal product. When you consider the various different pulsation rates and ratios, vacuum levels, claw weights, teat shapes and milker applications it's difficult to guarantee the right choice. Even though the market may offer cheaper substitutes, we realize that you will stay committed to one, if the inflation is consistent with high performance.

"1200 MILKINGS"

With the KLEEN-FLO® O1 LINER you will get a higher amount of natural rubber for consistent high performance, quick break-in time and great vacuum shut-off.

25003 - Kleen-Flo® inflations for DL 06 shell.....

FITS FLO STAR CLAWS

25004 - Kleen-Flo® B-1 Inflations for stainless BouMatic® Shell.....

FITS BM BARREL CLAW

25006 - Kleen-Flo® Inflations for stainless BouMatic® Shell.....

Made with the same formula as our KLEEN-FLO® O1 LINER. Comparable with Milkrite B1U, Conewango, IBR1C, BouMatic R-1C, R10 and R-1B Inflations

Genuine NuPulse® Long Life Inflations

All Genuine NuPulse® Inflations are manufactured to last **3000** cow milkings.

MZ10055NP - FulFlo Super
- designed to fit larger 9/16" OD milk inlet of the FulFlo bowl

MZ10057NP - NuPulse Super Inflations
- fits bowls with milk inlets ½" OD. Included with all kits

Not Shown

MZ10050NP - Smith 16 Inflations-Small Bore
MZ10058NP - FulFlo Short Inflations

Inflations

Pkg. = Packaged set of 4 Bulk = 100 loose per case if 25 sets and 48 loose per case if 12 sets

Fits DeLaval® 06 Shell

25050 - TLC-D1 Pkg.
25053 TLC-D1 Bulk

25060 - TLCD-2000 Bulk

25040 - 08EU-LT Bulk

25013 - 01U Pkg.

25010 - 01AU-LT Pkg.
25011 - 01AU-LT Bulk

Not Shown

25034 - 05 Large Bore - Pkg.
25052 - TLC-D1V *(vented)* Bulk
25037 - JERSEY Bulk

Original Inflations

03500 - WC-01 ***(830750090 DL)***
03501 - 01 ***(830360090 DL)***
03505 - WC-01 SR ***(830756090 DL)***
03506 - WC-01NC ***(830755090 Hmny)***
03508 - 08 ***(830480090 DL)***
03510 - 6100 ***(830610090 DL)***
03540 - 282 ***(313487 UN)***

NuPulse

MZ10522NP - Red plastic inflation plug

18101 - Plastic inflation plug

Fits BouMatic® Shell

25058 - TLC-B2 Pkg.

Not Shown

25018 - B2U - Pkg.
25056 - TLC-B1V - Bulk

25055 - TLC-B1 Bulk

25017 - B1U Bulk

25022 - R1CU Bulk

Fits Westfalia Surge® Shell

25024 - 004U For Bio's Bulk

25054 - TLC-S1 Bulk

25049 - JF 62 Bulk
25048 - JF 60 Bulk

Fits Universal® Shell

25035 - 6RU Pkg. Fits Stainless shell

Not Shown

25031 - 282U Pkg. ***Fits Plastic shell***
25058* - TLC-B2 Pkg.
25059* - TLC-U1 Pkg. ***Triangle Inflation***

ALSO for NuPulse

Chore Boy

12051 - Original
12057 - Original
12058 - Original

Note:
12051 and 12057 Case size = 12 sets

12058 Case size = 25 sets

Original Inflations

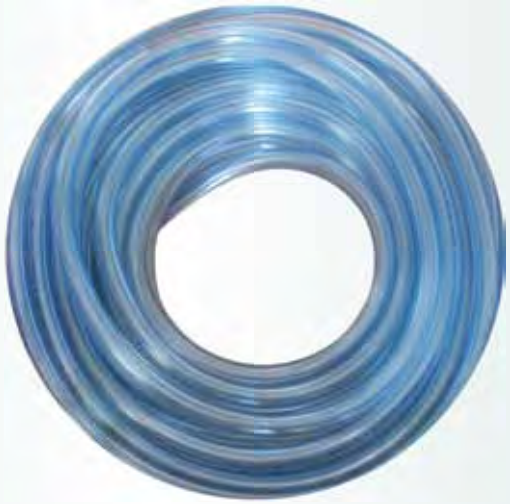
05306 - Std. WF - Set (000) ***(4012-7025-000 WF/S)***
05309 - BIO - Set (004) ***(4014-0241-004 WF/S)***
05348 - 10048 - Set (048) ***(7750-0010-048 WF/S)***
05360 - 10060- Set (060) ***(7750-0010-060 WF/S)***
05362 - 10062 - Set (062) ***(7750-0010-062 WF/S)***
05363 - 10050 - Set (050) ***(7750-0010-050 WF/S)***
05368 - 086 - Set (086) ***(4021-0241-086 WF/S)***
05371 - 10100 - Set (100) ***(7750-0010-100 WF/S)***

Tubing

NOTE: We Now Have Special Pricing on Rolls of Tubing
When ordering please specify "roll" or "foot" amount needed (foot price is 20% more)

Clear Plastic (Blue Tinted) Glitex Tubing
For Milk and Vacuum Lines

Part #	I.D.	Size	Available In
25230	9/32"	single	100' roll
25229	3/8"	single	100' roll
25232	1/2"	single	100' and 500' rolls
25234	9/16"	single	100' and 500' rolls
25235	5/8"	single	100' and 500' rolls
25236	3/4"	single	100' and 400' rolls
25237	1"	single	50' roll
25238	1½"	single	50' roll
25226	1/4"	twin	100 ft. roll
25227	9/32"	twin	100 ft. roll
25228	3/8"	twin	100 ft. roll



Rubber Blue Stripe Milk Rite Tubing
For Milk and Vacuum Lines - Available in 50' rolls

Part #	I.D.	Size
25112	1/2"	Single rubber tubing *(Milk Rite #7512)*
25114	9/16"	Single rubber tubing *(Milk Rite #7501)*
25115	5/8"	Single rubber tubing *(Milk Rite #7505)*
25121	9/32"	Single rubber tubing *(Milk Rite #7516)*
25120	9/32"	Twin rubber tubing *(Milk Rite #7517)*

Pre-cut Tubing
25143 - 37" x 9/32" Rubber twin pulsation hose
25141 - 6' x 1/2" Rubber vacuum hose
25147 - 32" x 9/16" Clear milk hose
25145 - 32" x 5/8" Clear milk hose
25148 - 32" x 5/8" Silicone milk hose
25149 - 32" x 5/8" Rubber milk hose
25144 - 32" x 3/4" Clear milk hose
25146 - 32" x 3/4" Silicone milk hose

Silicone Tubing
25105 - 5/8" Silicone tubing *(100' roll)*
25106 - 3/4" Silicone tubing *(100' roll)*

Premium Milk Hose
Green Stripe Tubing
Our premium milk hose is made from a durable blend of rubber and synthetic materials with a thick wall to prevent premature collapsing under vacuum. This milk hose should last up to 5 years under normal usage. 63' per roll
MZ13162NP - 5/8" Premium rubber tubing

NEW ITEM

Ultraclean Tubing
25124 - 5/8" Ultraclean tubing *(Milk Rite #6505)*
65' roll - Rubber with Silicone lining

Air Tubes
Sizes are I.D.
25150 - 9" x 9/32" for DeLaval®
25151 - 7½" x 9/32" for DeLaval®
25153 - 8" x 3/16" for Surge®
25154 - 7½" x 1/4" for BouMatic®
MZ13160NP - Premium "Green Stripe" Air Tube, *for 1/4" or 9/32"*

Milk Tubes
25180 - MT-80 5½" for BIO®
25190 - MT-90 7" for BIO®
25183 - 1020U for BouMatic®
25187 - 04TS for Westfalia®

Shutoffs

Squeeze Clamps

21905 - Stainless **for 5/8" hose**
21906 - Stainless **for 3/4" hose**
21904 - Stainless ***for 9/16" hose***
21900 - Black Plastic ***for 5/8" and 3/4" hose***

5/8"

21910 - Plastic shutoff, ***non vented***
21903 - Plastic shutoff, ***vented***
21907 - Tab gasket for 5/8" valve
21908 - O-ring for 5/8" valve

3/4"

21925 - Plastic shutoff, ***non vented***
21928 - Plastic shutoff, ***vented***
21929 - Tab gasket for 3/4" valve
21909 - O-ring for 3/4" valve

5/8"

21918 - Stainless shutoff valve for 5/8", with stop
21919 - Tab gasket for 5/8" stainless shutoff
21917 - O-ring for 5/8" stainless shutoff

3/4"

21916 - Stainless shutoff valve for 3/4", with stop
21915 - Tab gasket for 3/4" stainless shutoff
21909 - O-ring for 3/4" stainless shutoff

5/8"

21914 - Plastic shutoff, standard
21912 - O-ring for white shutoff
21913 - Tab gasket for white shutoff

Quarter Milker

This rugged STAINLESS STEEL Quarter Milker is designed to last a lifetime.
The checkball system is on both milk ports in case the hoses should be assembled incorrectly.

30270 - Complete Stainless Quarter Milker
30271 - Lid only
30269 - Stainless bucket only
34016 - Checkball, ***with cage***
34266 - Plastic 3/8" hose connector
25195 - Lid gasket

Please note that the checkballs do not guarantee to prevent milk from going in the milk line, (especially in cases where the quarter milker is tipped over) but they have been proven to prevent it in most cases.

8 Quart capacity - 16 lbs.
Overall size 9½" Wide x 15" High

The lid for this quarter milker features the checkball system

RJB Quality Milk Isolator

- **Extra large 4" opening for cleaning**
- **Heavy duty stainless steel bail holds lid in place**
- **Extra large 2 gallon capacity**
- **Large bore very flexible silicone hoses**
- **90° elbow allows inflation to hang upright**

76505 - Complete Quarter Milker
76508 - QMI Bowl
76511 - QMI Lid
76514 - Lid Gasket
76517 - Silicone Hose 24" ***(QMI to Inflation)***
76518 - Silicone Hose 26" ***(QMI to Claw)***
76521 - Stainless Steel Elbow
76524 - Stainless Steel Bail

Econo Quarter Milker

30272 - White Plastic Econo Quarter Milker

30273 - Lid, ***Only***
30275 - Flat lid gasket
30276 - Lid o-ring

Replacement Stallcocks and Parts

Replacement Westfalia® Stallcock and Parts

23865 - Auto stallcock Assembly
23866 - Stainless ball, ONLY
23867 - Cap for auto stallcock, ONLY
23868 - Housing, ONLY
05529 - Electrical kit to add to stallcock *(7051-3200-030 WF)*
23860 - Connector assembly, ***with clip and gasket***
23861 - Rubber washer, ONLY
23862 - Clip, ONLY
23863 - Tube, ONLY
23864 - Plastic bushing for WF clip on stallcock, ***connection for ½" hose***
23869 - Auto stallcock complete, ***with original new style connection***

Replacement Surge® Stallcock Parts

23929 - Stallcock kit, *(3 screws)*
23928 - Red tipped banana plug
23935 - Hex socket ***for installing banana plug***
43412 - Rubber cap
43413 - Ball for Surge Square stallcock
43415 - Ball for Round Square stallcock

Sticky Tape

New Product

DELUXE KIT
Fly Trapping Tape
With Hardware
STICKY ROLL
fly tape system
Reel-to-reel Sticky Roll Tape catches more flies than other sticky tapes - Guaranteed!
Like hundreds of feet of frog tongue!
INSECTICIDE-FREE • NON-TOXIC •
MADE IN U.S.A.

61805

61800

61805 - Mr. Sticky Deluxe kit and mounting hardware
61800 - Mr. Sticky roll tape *(1000' refill)*

Replacement Stallcocks and Parts

Replacement Heavy Duty BouMatic® Stallcocks and Parts

43260 - Thread on heavy duty stallcock
43256 - 2” clamp on heavy duty stallcock
43258 - 3” clamp on heavy duty stallcock
43238 - Rubber cap, ONLY
18067 - Inside seal, ONLY
43236 - Replacement stallcock kit for BM
43239 - Ball, ONLY
43234 - 2” Kit to convert thread on BM stallcock to clamp on, ***Includes clamp***
43235 - 3” Kit to convert thread on BM stallcock to clamp on, ***Includes clamp***
43269 - Adaptor ONLY, ***less clamp and gasket***
43237 - Gasket for bottom of clamp on stallcock

43260

43236

18067

43235
(7/8” x 1” with 5/8” hole)

Replacement DeLaval® Stallcocks and Parts

23808 - Stallcock without clips
23809 - Single stallcock
23810 - Alternating stallcock
23880 - Rubber ball
23882 - Stainless insert
23885 - Rubber cap
23887 - Electrical insulator
23888 - Plastic plate
23892 - Stainless plate
23893 - Stainless contact arm (aka spring, side clip)
23895 - Large screw
23896 - Square nut
23897 - Flat washer
23898 - Small side screw with tooth washer
23899 - Ground screw
23875 - Front seal
21922 - Plastic hose ferrule
21921 - Brass hose ferrule

23880

23810

23885

23875

21921

Lever Stallcocks

23855 - Straight 3/8” stallcock (turns 9:00 to 6:00)
23856 - Straight 1/2” stallcock (turns 3:00 to 6:00)
23857 - Angle 1/2” stallcock (turns 9:00 to 6:00)

Pulsator Adaptors

23031 - Complete adaptor to DeLaval® bucket lid
23027 - Check valve for adaptor
23028 - Chamber gasket for adaptor
23056 - Adaptor housing ONLY (no parts)
23029 - Rubber top grommet for lid adaptor
23040 - Plastic top slide for lid adaptor

23036 - Adaptor for DeLaval® electric stallcock

23041 - Adaptor for Surge® square nipple stallcock

23043 - Adaptor for Surge® round nipple stallcock

23051 - Adaptor to BouMatic® stallcock

23038 - Adaptor with white plastic sleeve for parlor (permanent mount)

23037 - Plastic sleeve only

23039 - Adaptor only

23048 - Adaptor to Westfalia® stallcock

23022 - Adaptor to Westfalia® bucket lid

23054 - Adaptor to Surge® bucket lid

23046 - Adaptor to Universal® stallcock

23039 - Adaptor, complete, to lever stallcock

23059 - Rubber grommet

23016 - Adaptor to BouMatic® or plain lid
23015 - Check valve for BouMatic® or plain lid
23017 - Bottom gasket for BouMatic® lid adaptor
23018 - Top grommet for BouMatic® lid adaptor

Copy Adaptors and PartsThat Fit HP® Pulsators to Delaval® Lids

23025 - Complete chamber for HP to DeLaval® lid, with check valve
23030 - Chamber ONLY
23028 - Chamber gasket for adaptor
23023 - Check valve

23033 - Adaptor to DV300
23034 - O-ring for DV300 adaptor
23035 - Rubber grommet

Replacement Parts for DV 300

20158 - Sensor jar, copy (Radel)
20165 - Sensor diaphragm for sensor jar, copy
20164 - Gasket for sensor cover, copy
20152 - O-ring rebuild kit, copy
20161 - 3/16" x 12" tube for sensor, copy
119842 - **USED** bellow
119843 - **USED** filter
03275 - Sensor cover, 5/8" (96947301 DeLaval®)
03280 - Sensor jar, 5/8" (96748503 DeLaval®)
03290 - Diaphragm, inside (95868901 DeLaval®)

D#95 PULSATORS AND PARTS

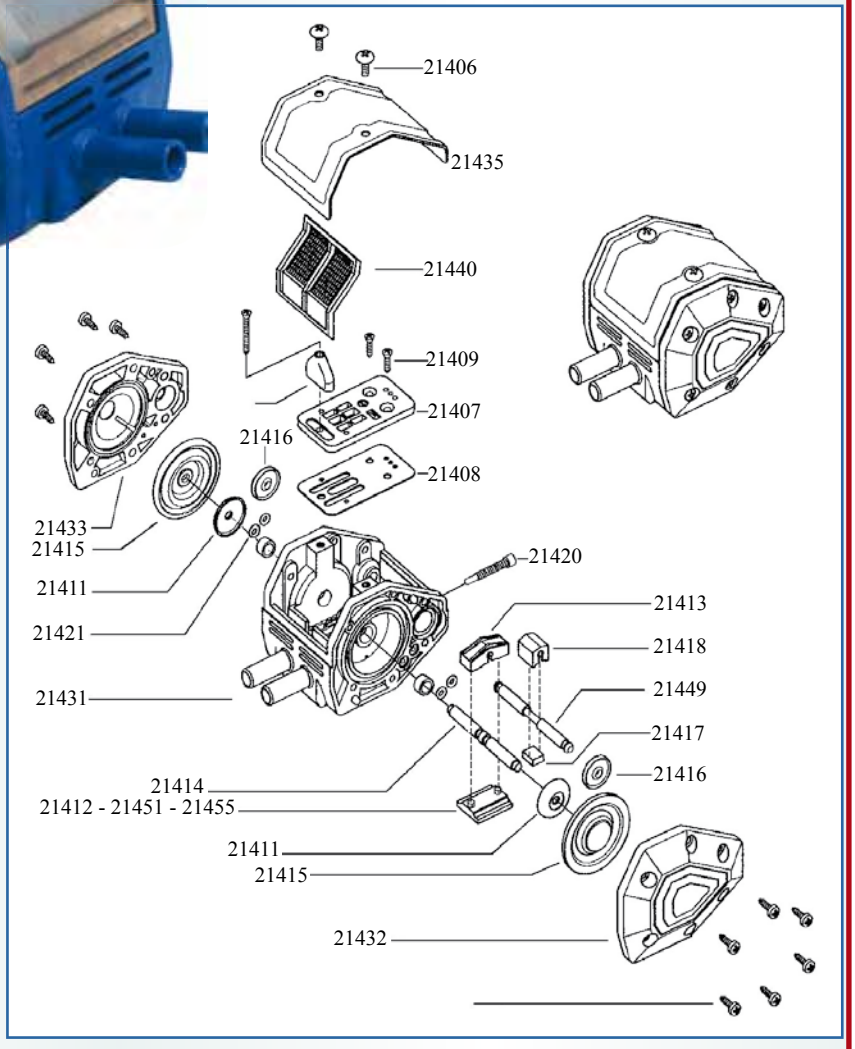
D#95 pulsators, (parts interchange with LL90®) with NEW improved large black rubber diaphragms

20360 - 60/40 Pulsator
20365 - 65/35 Pulsator
20370 - 70/30 Pulsator
20372 - 50/50 Pulsator
90 ppm - for goats

21412 - 60/40 slide, ***Only***
21455 - 65/35 slide, ***Only***
21451 - 70/30 slide, ***Only***
21452 - 50/50 slide, ***Only***

21453 - White felt filter for D#95 ***(pack of 12)***
21457 - White felt filter for D#95 ***(1 piece)***
21442 - New style D#95 filter holder

23102 - White silicone plug for single pulsation
21404 - Side cover screw
21406 - Top cover screw
21407 - Base plate
21408 - Gasket for base plate
21409 - Screw for base plate
21411 - Plastic plate for diaphragm
21413 - Slide holder for large slide
21414 - Shaft for ratio slide
21415 - Large diaphragm
21416 - Small diaphragm
21417 - Small pilot slide
21418 - Slide holder for small pilot slide
21420 - Speed screw
21421 - Small side o-ring
21431 - Main pulsator housing, ***Only***
21432 - Side cover, ***left side***
21433 - Side cover, ***right side***
21435 - Top cover
21440 - Plastic filter holder
21449 - Shaft for small pilot slide



20660 - Diaphragm kits for ITP®, D#95 and BRK®

COMPLETE REBUILD KITS FOR D#95

Includes: Felt filter, large and small diaphragms, o-rings, ratio slide, small slide, large and small slide holder, and plate gasket.

20661 - Full 60:40 kit
20662 - Full 65:35 kit
20663 - Full 70:30 kit
20664 - Full 50:50 kit

Replacement Parts For HP®100 and HP®102

Rubber Parts

20142 - Diaphragm *for HP®100 or HP®102*
20149 - Plate gasket *for HP®100 or HP® 102*
98669 - HP102 small seal

Changeover Arm Parts

20153 - Changeover arm spring *for HP®102*
20157 - Changeover arm spring *for HP®100*
20156 - Button *for HP® changeover arm*
20143 - Hairpin clip *for HP® pulsator changeover arm*
20151 - Bushing *for HP® changeover*

Changeover Slide Holder Parts

20147 - Changeover slide
20159 - New style C/O slide
20144 - Long pin *for changeover slide holder on HP® 100*
20148 - Short pin *for changeover slide holder on HP®102*
20162 - Brass bushing, *for HP changeover slide holder*

Miscellaneous Parts

20141 - HP pulsator nipple
20146 - Brass body bushing *for HP®100 or HP®102*
20145 - E-clip *for HP®100 or HP®102*
20154 - Oil *for HP® Pulsators*

Original DeLaval® HP Parts

03300 - HP 102 pulsator, 60/40 ratio (98927187 DL)
03301 - HP 102 pulsator, 65/35 ratio (98927187 DL)
03335 - HP102 slide holder (99621885 DL)
03340 - HP102 60:40 ratio slide (96571001 DL)
03341 - HP102 65:35 ratio slide (99824901 DL)
03342 - HP102 70:30 ratio slide (95822301 DL)
03350 - HP100 plastic cover (95856701 DL)
03355 - HP102 wrench (99621680 DL)
03363 - HP102 PLASTIC cover only (91706201 DL)
03362 - HP102 cover clip (99620401 DL)
03365 - HP102 slide seat (95857281 DL)
03368 - HP102 large seal (99576401 DL)

20149

20142

OHTA® Pulsator and Parts

43075 - OHTA® Pulsator
43080 - Diaphragm
43081 - Plate gasket
43085 - Yellow slide
43065 - Box nut
43060 - Spring assembly
43061 - Spring only
43062 - Spring holder
33003 - Stainless lid *nut with extension*
43063 - Spring holder B
43070 - Reversing valve
43071 - Reversing valve holder
43072 - Bushing for changeover valve
43084 - Slide holder
43069 - E-Clip, small
43087 - White adaptor for OHTA® to DeLaval® - HP chamber
23026 - Complete Chamber for HP lid for OHTA®
Assembled with #23023 check valve & #23028 gasket
23055 - Chamber w/check valve & gasket
for OHTA grey adapter to DL bucket
43095 - Grey adaptor kit for OHTA to D#95 chamber
43090 - Black adaptor kit for OHTA to D#95 adaptor
Includes: plastic seal, rubber seal, and screws

Replacement and Original Magnetic Pulsator Parts

20130 - Replacement DL Magnetic pulsator board, 16VDC output
20137 - Fly guard
20139 - Piston cap
33017 - Deflector
03230 - Original Magnet *(830118980)*
03232 - Original spring *(830095680 DL)*
03237 - Original insulating plate *(830934512 DL)*

NEW ITEM

20130

Ratio from 50:50 to 70:30
16 adjustable positions from
60 to 190 PPM

Replacement Parts That Fit Dellatron® Pulsation

98960 - Repair Kit for NEW STYLE Dellatron®
Includes: *1 rubber diaphragm with 2 white axles, 1 rubber diaphragm with flappers, 5 base plate screws, 2 coil o-rings and 1 base mount o-ring*

98968 - Repair kit for NEW STYLE Dellatron® *(rubber parts only)*

98965 - Repair Kit for OLD STYLE Dellatron®
Includes: *1 rubber diaphragm with 2 white axles, 1 rubber diaphragm with flappers, 5 base plate screws, 2 coil o-rings and 1 base mount o-ring*

98950 - Cover kit

98951 - Blue cover gasket
98952 - Fresh air nipple only
98953 - Fresh air screen only
98954 - Blank plug *(replaces screen)*
98949 - Grommet for wiring harness
98948 - Screw for cover
98978 - Top plug

Miscellaneous Replacement Dellatron Parts

98974 - Coil o-ring
43317 - Magnetic plate for coil
98956 - Wiring harnesses for 100B's, 18"
98957 - Wiring harness, 5'
98703 - Flag terminal
98941 - White axle for diaphragm
98943 - Top diaphragm for old style
98946 - Top diaphragm for new style
98947 - Bottom diaphragm only for new style
98971 - Screw for white base plate
98976 - Base o-ring for 100B
98999 - Sealing plate for cover
43307 - Rubber bumper for bayonet bracket
43308 - Threaded bayonet base mount
43313 - Bayonet bracket
43324 - Base slide for stallcock, *with wear guards and contacts*
43327 - Right hand contact pin for stallcock mount
43328 - Left hand contact pin for stallcock mount
43331 - Right hand guard for stallcock mount
43332 - Left hand guard for stallcock mount
43398 - Fresh air nipple with grommet
43302 - Blue base clip

43308

43341 - Master pulsator controller,12VDC
43342 - Master pulsator board, 12VDC
43343 - Transformer for Master controller
43346 - Master pulsator controller,24VDC
43347 - Master pulsator board, 24VDC
43338 - Replacement dip switch for master control box
Works for old style board with orange terminal blocks, 60:40 and 70:30 and for new style board with green terminal blocks, 60:40, 65:35 and 70:30

43338

Replacement 12VDC Circuit Boards for Stallcock Mount Dellatrons®

43360 - 60/40 with cover
43365 - 65/35 with cover
43370 - 70/30 with cover

Original Dellatron Parts

03419 - Bayonet pulsator base only DL
03420 - Bayonet base kit (99756793 DL)
03421 - Stallcock base kit (99756893 DL)
03423 - Stallcock pulsator base only DL
03410 - White base plate

99718 - Acme® transformers, *with breaker switch 30 amp, 500 watts, 12 volt - DC or AC*

NEW ITEMS

43343

43341

Ratio from 50:50 to 70:30
16 adjustable positions from 55 to 180 PPM
Voltage input 120

Replacement Pulsation Parts That Fit BouMatic®

NEW ITEM

110 volt pulsation plastic enclosed box comes with a 12-unit Kleen Flo circuit board for BouMatic® pulsation. (220 volt units available by special order.)
** 18-month limited warranty.*

43200 - Kleen Flo B-12 pulsation controller, 22VDC output,
Ratio from 50:50 to 70:30
16 adjustable positions from
60 to 190 PPM

43205 - Kleen Flo B pulsation controller, ***LESS circuit board***

- ***Powered by 48VCT Transformer***
- ***Will work for goats & sheep***
- ***Ratios are individually adjustable***

43195 - Kleen Flo 12 - Unit pulsation board
43201 - 110 volt transformer for pulsation box
43202 - 220 volt transformer for pulsation box

BouMatic® Style Replacement Pulsators

43185 - Stanchion barn model, ***less fresh air***
43184 - Stanchion barn model, ***with fresh air***
43186 - Parlor model, ***with fresh air, pipe and plug***
43187 - Parlor model, ***less fresh air, with pipe and plug***

The parlor model pulsators include a rubber front protector seal and a threaded 1/2" pipe to mount the pulsator on the line.

Replacement Parts for BM Pulsators

43215 - Black coil for BM pulsator, HI FLO
43217 - Black coil for BM pulsator, standard
43216 - Pulsator base ***(Includes: black center nut)***
43229 - Dust cap for old style pulsator
43218 - Foam filter for kit
43219 - Nut for bottom of pulsator base
43248 - Front rubber nipple protector
43223 - Stainless cover for pulsator, ***standard***
43222 - Cover for pulsator, with stainless fresh air nipples
Includes O-rings
43226 - O-ring, ONLY ~ ***sold individually***
43251 - Spring for BM style pulsator nipple
43252 - Long screw for BM style pulsator
43253 - Medium screw for BM style pulsator
43254 - Short screw for BM style pulsator
43255 - Star washer for BM style pulsator screw
43245 - Repair kit for BM style pulsator
17 PIECE INCLUDES: 2 pistons, 2 coil seals, 1 front seal, foam filter, 4 screws, 4 washers, 2 side plugs and spring
43240 - Repair kit for BM style pulsator
5 PIECE INCLUDES: 2 pistons, 2 coil seals, 1 front seal
43232 - Coil seal
43233 - Front nipple seal
43231 - Piston assembly
43241 - Bottom cap for piston
43242 - Top plug for copy piston

43248

43222

43240

43260
- Thread on heavy duty stallcock for BM style pulsator

43236
- Repair kit for BM stallcock

43238
- Rubber cap for BM stallcock

18067
- Inside gasket for BM/CB stallcock

Replacement Pulsator Parts That Fit Universal®

98939 - 5 piece repair kit for blue Model 87, 5000 or 6000 pulsators
Includes: 2 piston assemblies, 2 teardrop gaskets and 1 stallcock seal.
98937 - Teardrop gasket for Model 5000
98936 - Stallcock seal for Model 5000
98935 - Complete piston ***(2 required)***
43241 - Bottom piston cap ***(2 required)***
98934 - Top piston cap ***(2 required)***

98939

Original Universal® Parts

03920 - 60:40 Universal® pulsator 6000 (313466 DL)
03921 - 55:45 Universal® pulsator 5000 (313464 DL)
03930 - Cover kit (405084 DL)
03937 - Plastic nut (900349 DL)

For Fresh Air System

43550
- Pulsation Fresh Air Filter for 3" PVC line

17830
- Replacement filter cartridge only

Strangko® Pulsator Rebuild Kits

Please check your coil shape before ordering

New Style
43275

Each Kit Includes:
2-Coil Base Gasket, 1-Nipple Gasket, 4-SS Washer, 2-Piston Rubber Insert, 2-Piston and 2-Piston Bottom Rubber Cap

Each Kit Includes:
2-Coil Base Gasket, 1-Nipple Gasket, 4-SS Washer, 2-Piston, 2-Top Rubber Insert, 2-Bottom Rubber Cap and 3-Extension Washer

Old Style
43280

LL90® Pulsators and Parts For Interpuls®

23060 - 60/40 pulsator
23065 - 65/35 pulsator
23070 - 70/30 pulsator
23075 - 60/40 pulsator ***with 4 ports***
21454 - Replacement Molded Filter for LL90®

21454

Complete replacement rebuild kit for LL90®

Includes: Molded filter, large & small diaphragms, o-rings, ratio slide, small slide, large & small slide holder, & plate gasket.

20670 - 60/40
20671 - 65/35
20672 - 70/30

Replacement Alternating Pulsators and Parts For Surge®

43160 - **Square** nipple pulsator, ***standard***
43165 - **Round** nipple pulsator, ***standard***
43155 - **Parlor** style pulsator, ***standard***
43156 - **Parlor** style pulsator, ***fresh air***
43115 - Black coil, ***ONLY***
43151 - Spring for square & round nipple pulsator
43153 - Spring for original square nipple pulsator
43162 - Square nipple base, ***ONLY***
43165 - Round nipple base, ***ONLY***
43157 - Parlor style pulsator base, ***ONLY***
43135 - Side contact pin for square nipple
43145 - Side contact pin for round nipple
43125 - Side contact pin for parlor style
43105 - Rebuild pulsator kit
43173 - Threaded bottom plug
43137 - Standard cover
43175 - Square nipple pulsator seal
43178 - Round nipple pulsator seal
43105 - Rebuild kits for black and grey pulsators ***(4 piece kit)***
43104 - Piston with rubber parts
43107 - Bottom cap ***ONLY***
43108 - Top cap ***ONLY***
43102 - O-Ring
43118 - Cover screw
43252 - Long screw
43255 - Star washer
10600 - Fresh air covers for alternating pulsators, ***Includes: 2 o-rings***
10601 - O-ring ***ONLY***
43149 - Knob for parlor pulsator

43160

43156

43115

43175

43178

43105

Miscellaneous Replacement Parts For Surge® Pulsators

85365 - 60 PPM resonator for circuit board
43110 - Push in bulb for pulsation box, newer style
91819 - Turn in bulb for pulsation box
43111 - Rectifier, 50 amp, for pulsation box
43112 - Rectifier, 35 amp, for pulsation box
43114 - Breaker switch for pulsation box
43113 - Breaker switch for large gray pulsation box
43101 - Rebuild kit for old style bucket pulsators
43190 - Kleen Flo S-12 pulsation board, 22VDC output

NEW ITEM

43192 - Kleen Flo S-12 pulsation controller, 24VDC output

43101

NEW ITEM

43190

Ratio from 50:50 to 70:30

Ratio from 50:50 to 70:30
16 adjustable positions from 60 to 190 PPM
Voltage input 120

Replacement Kits That Fit Surge®

These kits are designed to convert an alternating Surge® stanchion barn style pulsator into a parlor style, without having to buy a new base or complete pulsator

43130 - Round nipple kit, ***only available in this style with the extended bar for the ground screw***

43120 - Square nipple kit, ***with extended bar for ground screw This kit is designed for the earlier version of this pulsator, which does not have a stainless plate molded into the base, between the coil and the base.***

43122 - Square nipple kit, ***short versionThis kit is designed for the newer style pulsators that have a stainless steel plate between the coil and base for the ground screw to thread into***

43132 - Parlor conversion kit, ***for round or square style pulsators***

Replacement Miscellaneous Parts That Fit WF Pulsators

Parts for Visotron® & Autotronic®

17515 - Rebuild kit for Visotron®
Includes: 1 - 17512 dome gasket, 4 - 17514 piston caps, 2 - 17516 coil o-rings, 1 - 17526 o-ring for mount or lid base, 1 - 23871 sealing grommet for auto stallcock connector, 1 - 91831 push button cover and 1 - 91836 toggle switch cover

17514 - Piston cap only for Visotron® and Autotronic®

17516 - Coil o-ring for Visotron® and Autotronic®

17512 - Dome gasket for Visotron®

17518 - Hangers for Visotron®, ***heavy duty***

17511 - Wire for Visotron®, ***40" section***

91819 - Bulb that fits Visotron®

91836 - Toggle switch cover for Visotron®

91830 - Push button for Visotron®

91831 - Push button cover

Original Visitron® Parts

09116 - Toggle switch (0005-4169-000)

05755 - Hose for Visitron®, ***per foot*** (7051-2635-018)

05764 - Electrode (0005-3830-650)

05765 - Red lamp assembly (0005-3768-900)

05768 - Red lens only (0005-1342-910)

05770 - Switch cover (0005-8000-003)

05775 - Switch (0005-4169-000)

05780 - 5/8" front cover (7051-5446-220)

05542 - Solenoid plate gasket (7051-9926-070)

05546 - Top sealing plate gasket (7051-9926-040)

05549 - Bottom sealing plate gasket (7051-9926-030)

Parts For Vacupuls® Pulsators

17520 - Filters ***(12-in a pack)***

17541 - Screw for cover

17543 - Disc for GOLD

17545 - Disc for STANDARD

17548 - Disc for SMALLEST HOLE

17550 - Diaphragm, large

17552 - Diaphragm, small

17555 - O-ring

20145 - E-clip

17558 - Seat screw

17557 - End cap screw

Original Vacupuls® Parts

05660 - 60:40 Pulsator (7041-2700-600)

05667 - 67:33 Pulsator (7041-2700-560)

05640 - 60:40 Slide (7041-2711-020)

05633 - 67:33 Slide (7041-2711-040)

05611 - Magnet (7041-9926-020)

05614 - Plate gasket (7041-2479-000)

05615 - Slide seat (7041-2719-090)

05618 - Cover (7041-2718-050)

05619 - Filter holder (7041-2187-010)

05620 - Changeover (7041-2215-030)

17525 - Mounting bases for Autopuls® and Stimopuls®

17517 - Hangers for Stimopuls®, ***heavy duty***

17507 - O-ring for inline WF Pulsator filter screen

17508 - O-ring for inline WF Pulsator filter housing

17500 - Rebuild kit for Autopuls and Apex pulsators

17501 - Gasket kit for Autopuls® and Stimopuls®
Includes: solenoid plate gasket, bottom sealing plate gasket and top sealing plate gasket

Blank Receiver Custom Order Form

All Receivers come with a Lid and Gasket ~ Drawings Available Upon Request

To order a custom receiver, please fill out all applicable information on the form below, sign and then fax to: 717-355-5132
If you need further assistance call: 800-768-0887

20105 - Blank 18" **x** 18" receiver, ***without trap outlet***

10087 - Blank 18" **x** 22" receiver, fixed bottom, ***with 3" trap at 4:30***
10081 - Blank 18" **x** 22" receiver, swivel bottom, ***with 3" trap outlet***
20095 - Blank 18" **x** 22" receiver, ***without trap outlet***

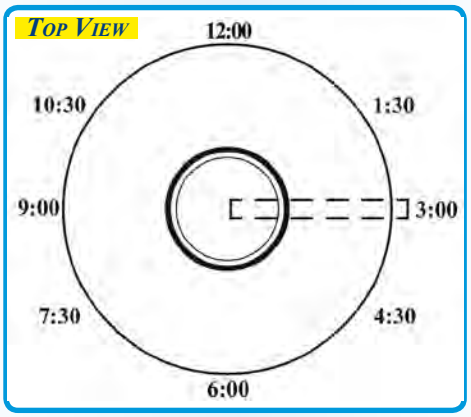
20264 - Blank 18" x 26" receiver, fixed bottom, ***with 2" milk pump outlet***
20270 - Blank 18" x 26" receiver, swivel bottom, ***with 3" trap outlet***
20263 - Blank 18" x 26" receiver, ***without trap outlet***

20290 - Blank 26" x 24" receiver, ***without trap outlet - 1½" milk pump outlet***
20292 - Blank 26" x 24" receiver, ***without trap outlet - 2" milk pump outlet***
20293 - Blank 26" x 36" receiver, ***without trap outlet - 2" milk pump outlet***

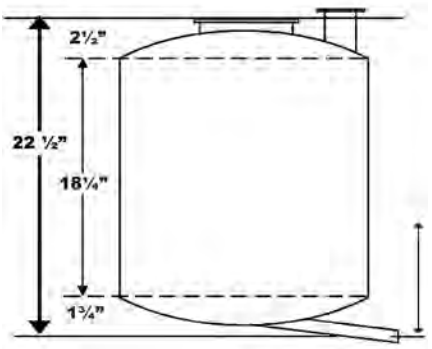
20277 - Blank receiver for swing parlor, ***without trap outlet***

20280 - Master number for Standard ferruled inlet
Please add -1.5, -2, -2.5,-3 or -4 after Master part# to get right size and price
20284 - Master number for ferruled inlet with 45 degree elbow
Please add -1.5, -2, -2.5,-3 or -4 after Master part# to get right size and price
20287 - Master number for Parallel inlets welded on custom receivers
Please add -1.5, -2, -2.5,-3 or -4 after Master part# to get right size and price
20289 - 3" trap outlet welded on receiver
20288 - 4" trap outlet welded on receiver

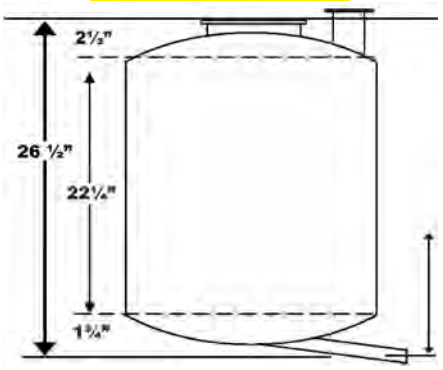
Top View



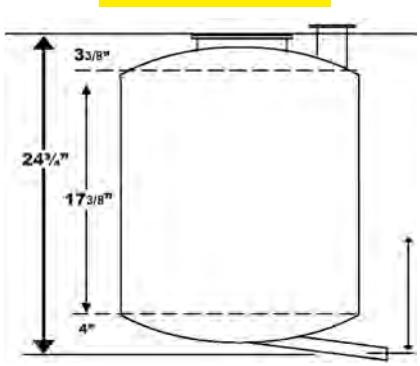
Side View 18" x 22"



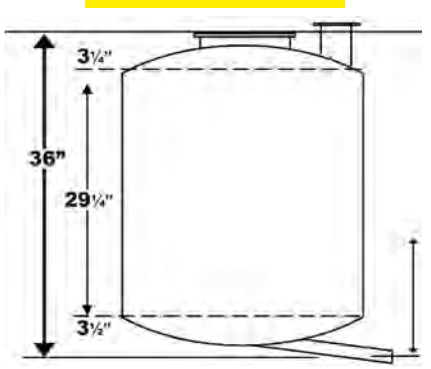
Side View 18" x 26"



Side View 26" x 24"



Side View 26" x 36"



18" x 18" =
16 Gallons/60 Litres
18" x 22" =
21 Gallons/79 Litres
18" x 26" =
26 Gallons/98 Litres
26" x 24" =
48 Gallons/181 Litres
26" x 36" =
75 Gallons/284 Litres

NOTE: Center to center inlet measurement needs to be taken from the center of the milk pump outlet to the center of the first milk inlet.

Date: **PO#:**

Business &/or Contact Name:

Phone#: **Fax#:**

Jar Size:

Milk Pump Outlet Size:

Swivel bottom **(please circle one)** **Fixed bottom**

Signature:

	Part # of Inlet	Side/Top	Location	Size	Butt Weld/45	Fer./Weld
A.						
B.						
C.						
D.						

Lowline Receiver Group Packages

Receiver Options

20400 - Option 1
Includes:
#10084 - 18" x 22" - 3" corner receiver with 45 degree 3" inlets
#10086 - Clear lid with gasket
#20225 - 3" poly trap and bend
#20199 - Stainless stand with adjustable milk pump plate
#54323 - 3" clamp
#54329 - 3" gasket

20402 - Option 2
Includes:
#10085 - 18" x 22" - 3" receiver w/ straight inlets at 3:00 & 9:00
#10086 - Clear lid with gasket
#20225 - 3" poly trap and bend
#20199 - Stainless stand with adjustable milk pump plate
#54323 - 3" clamp
#54329 - 3" gasket

20403 - Option 3
Includes:
#10087 - 18" x 22" - 3" blank receiver with 3" trap outlet
(see page 26 and 27 for custom order form - custom ferruled inlets can be added)
#10086 - Clear lid with gasket
#20225 - 3" poly trap and bend
#20199 - Stainless stand with adjustable milk pump plate
#54323 - 3" clamp
#54329 - 3" gasket

Motor Options

20406 - Option 1 - E-Zee 1HP group with variable speed drive (Dual rated 1 & 3 Phase)
Includes:
#10402 - Copy milk pump with Leeson 3 phase 1 HP motor
#32570 - ImPulse III variable speed milk pump controller
#32660 - 24" probe assembly with float for ImPulse III
#10417 - Milk pump flapper valve
#78460 - Drain assembly with 1½" elbow and drain tubing
#17130 - Heavy duty 1½" clamp
#54320 - 1½" V-insert clamp
#54326 - 1½" gasket

20407 - Option 2 - 1 HP DL style group (1 phase)
Includes:
#10434 - Copy milk pump with Leeson single phase 1 HP motor
#20324 - Kleen-Flo Liquid level control box (DL style)
#20349 - 19" DL style probe assembly (please specify if you need another size - also available #20345 - 16" or #20346 - 22½")
#10416 - Milk pump flapper valve
#78460 - Drain assembly with 1½" elbow and drain tubing
#17130 - Heavy duty 1½" clamp
#54320 - 1½" V-insert clamp
#54326 - 1½" gasket
If you need 3 phase please order part **20298**

20408 - Option 3 – 1 HP BM style group (1 phase)
Includes:
#10186 - 4" Milk pump assembly with 1HP Leeson motor, 1 phase
#20307 - Kleen-Flo Liquid level control box (BM style)
#20010 - Probe assembly with float
#10417 - Milk pump flapper valve
#78460 - Drain assembly with 1½" elbow and drain tubing
#17130 - Heavy duty 1½" clamp
#54320 - 1½" V-insert clamp
#54326 - 1½" gasket
If you need 3 phase please order part **20294**

If you need a complete receiver group: Order one part number of your choice from The Receiver Options Column, which provides the receiver system; and One part number from The Motor Options Column, which will complete the group.

Note: If you need three phase power, please order the specified part numbers which will include the correct three phase components.

Fixed Bottom Receivers And Parts

All fixed bottom receivers come with a horizontal outlet and are 16 gauge stainless.
Please see page 28 for our blank receiver order form.

10085 - **18" x 22" receiver with 3" x 3" x 3" straight inlets,**
and with trap outlet @ 4:30

10084 - **18" x 22" receiver, 3" x 3" x 3" with 45 degree inlets**
and with trap outlet @ 4:30

10087 - **18" x 22" receiver, *with trap outlet @ 4:30,* but blank inlets**

20116 - **18" x 18", 3"x3"x3", fixed bottom receiver with 45's at 1:30 and 7:30**
and with trap outlet @ 4:30

20189
- Stainless stand for receiver. Designed to fit a floor mount DeLaval® milk pump for 18" receiver

20186
- Receiver stand w/o milk pump plate, for 24" receiver

20199- Stainless stands with adjustable milk pump plate for 18" receivers

20187 - Stainless stands with adjustable milk pump plate for 26" receivers

20193 - Leg set to make receiver stands adjustable.
(Not included with receiver stands)

20196 - Angle brackets to convert to a highline receiver stand

Receiver Lids

Lids Come with gasket

10086 - 7" Receiver lid, ***with 1½" probe hole - 7"ID and 8" OD***
10076 - 7" Receiver lid, ***without probe hole - 7"ID and 8" OD***
10074 - 6½" Receiver lid, ***with 1½" probe hole - 6 3/8"ID and 8" OD***
20295 - 10" Receiver lid, ***with 1½" probe hole - 9"ID and 10" OD***
20297 - 10" Receiver lid, ***without probe hole - 9"ID and 10" OD***
25199 - Gasket for 7" receiver lid ***(#1047)***
25196 - Gasket for 6½" receiver lid ***(#1041)***
20299 - Gasket for 10" receiver lid

10086
(pictured with protective covering)

Miscellaneous Receiver Stands

20180
- Stand for 27000 receiver jar, stainless steel

19910
- Stainless motor mount bracket for Universal® receiver panel, copy

Swivel Bottom Receivers And Parts

We include the swivel bottom, gasket, 3 nuts and the 3 holders with all our swivel bottom receivers. Please see page 28 for our blank receiver order form.

10080

10080 - 18" x 22" receiver 3" x 3" x 3" with 45'S, with horizontal swivel bottom ***and with trap outlet @ 4:30***

10078 - 18" x 22" receiver 3" x 3" x 3" with 45'S, with vertical swivel bottom ***and with trap outlet @ 4:30***

10081 - 18" x 22" blank receiver, ***with 3" trap outlet*** and with horizontal swivel bottom

**** Our receivers are made of 16 gauge stainless ****

10082

10082 - 18" x 22" receiver 3" x 3" x 3" with straight inlets, with vertical swivel bottom ***and with trap outlet @ 4:30***

10075 - 18" x 22" receiver 3" x 3" x 3" with straight inlets, with horizontal swivel bottom ***and with trap outlet @ 4:30***

10083 - 18" x 22" blank receiver, ***with 3" trap outlet*** and with vertical swivel bottom

10620 - Blue coated stand for swivel receiver, for highline

10613 - Cushion for mounting #118510 stainless bracket to #10620 stand

10089 - Swivel bottoms only, with vertical outlet

10088 - Swivel bottoms only, with horizontal outlet - 1½"

10096 - Swivel bottom only, for lowline receiver jar - 2"

10079 - Gaskets for swivel bottoms

10618 - Cushion for mounting glass DeLaval® Jar to stainless highline bracket, copy

118510 - Stainless Highline bracket for DeLaval® receiver group

NOT NEW
USED - REFURBISHED
Does not come with cushions.

10615 - Adapter plate to mount various milk pumps to DL Bracket

10610 - Blue coated stand for swivel receiver, for lowline

Moisture Traps and Replacement Parts

3" White Rippled Moisture Trap

20225 - Complete, ***with all parts as shown in picture***
58605 - Complete, ***but less stainless trap bend***
20230 - Complete, ***as shown in picture but with beaded 3" ferrule for Surge®***
20223 - Clamp only for trap (4 required)
20224 - Stainless J Bend only with tri-clamp ferrule
20231 - Stainless J Bend only with Surge® style ferrule
20412 - White body only for moisture trap
20413 - PVC sleeve
20415 - 4½" I.D. pipe sleeve for top vacuum port
20417 - 3¾" I.D. pipe sleeve for side port
18037 - Duckbill drain
20227 - Rubber cover for white ripple trap
23250 - 4" plastic trap ball

20225

12" x 24" Horizontal Moisture Traps and Bends

20200 - Complete 3" Horizontal moisture trap - ***thread x clamp***
20205 - Complete 4" Horizontal moisture trap - ***thread x clamp***
20252 - Complete 3" Horizontal moisture trap - ***clamp x clamp***
20257 - Complete 4" Horizontal moisture trap - ***clamp x clamp***
20258 - Complete 3" Horizontal moisture trap - ***clamp x thread***
20218 - Complete 4" Horizontal moisture trap, ***with stainless ball, lid and gasket***
20204 - Lid with gasket for horizontal trap
20202 - Gasket only for horizontal moisture trap, ***11" I.D. - 13" O.D.***
22537 - Stainless Cage, Only

20200

Moisture Trap Float/Trap Balls

For 3" Trap
23253 - 4" stainless float ball
23250 - 4" plastic trap ball

For 4" Trap
23255 - 5" stainless float ball
23251 - 5" plastic trap ball

Custom Moisture Trap

20250 - Blank horizontal moisture trap, ***with lid, gasket and plastic ball***
20275 - 3" NPT threaded outlet welded on moisture trap
20276 - 4" NPT threaded outlet welded on moisture trap
20278 - 4" Tri clamp inlet welded on moisture trap
20278-1 - 4" Tri clamp outlet welded on moisture trap
20279 - 3" Tri-Clamp inlet welded on moisture trap
20279-1 - 3" Tri-Clamp outlet welded on moisture trap

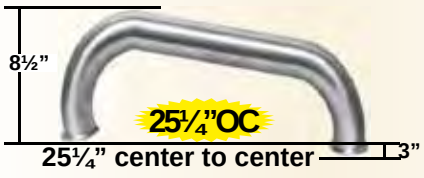
See page 137 for Custom Moisture Trap Order Form

For further assistance please call Levi @ 800-768-0887

Moisture Traps and Replacement Parts

3” 20212 - Trap Bend for 3” horizontal trap, shorter version

3” 20210 - Trap Bend for 3” horizontal trap



4” 20215 - Trap Bend for 4” horizontal trap

20234 - Gasket for 2” blue BM moisture trap

10625 - Check valve for 3” DL Trap

10163 - Rubber drains for 2” DL Moisture trap

20183 - Check valve assembly for Surge® moisture trap

10161 - Replacement 1045 gasket for 2” DL trap

10630 - Trap gasket for 3” DL fiberglass trap head

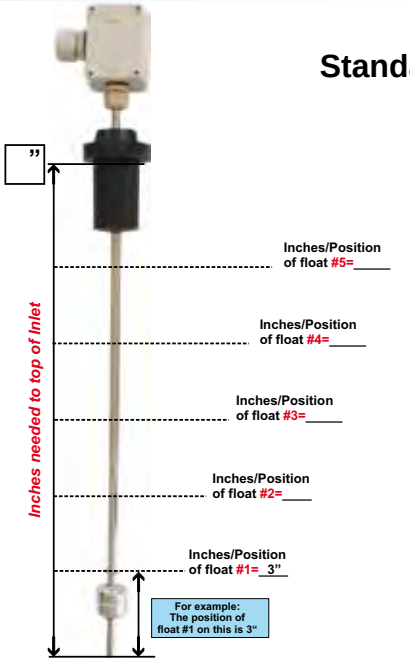
10500 - 3” s/s trap bends for 3” fiberglass DL style blue head trap

21070 - White gasket for 2” UN style trap

12 Quart Vertical Trap Assembly and Parts

22500 - Trap Assembly, ***No Trap Bend Included***
22510 - Stainless 180 Degree Trap Bend - ***Clamp X Thread***
22515 - Stainless 90 Degree Trap Bend, ***for Vertical, 12 Quart Trap - Clamp X Thread***
22520 - Stainless 45 Degree Trap Bend, ***for Vertical, 12 Quart Trap - 3” SS Flange X Thread***
22533 - Stainless Body, ***ONLY***
22535 - Clear Plastic Cover with Gasket
22537 - Stainless Cage for 12 Quart Vertical Trap
20183 - Replacement Check valve for Surge moisture trap
20299 - Lid Gasket - 10” Diameter

KLEEN FLO® VARIABLE SPEED PROBE ASSEMBLY


"
Inches needed to top of Inlet
Inches/Position of float #5=____
Inches/Position of float #4=____
Inches/Position of float #3=____
Inches/Position of float #2=____
Inches/Position of float #1=_3"_
For example: The position of float #1 on this is 3"

Custom Probe Order Form

Standard Probe Assembly is 3 Floats ~ Maximum is 5 Activation Points

STANDARD CONFIGURATION

~ 1st Switch - Red ~ 2nd Switch - Yellow ~ 3rd Switch - Blue

~ 4th - Green ~ Top Switch - 2 Brown (Isolated) ~ Common - Black

Date:	PO#:
Name:	
Phone:	Fax:
Float Assembly with Probe Holder: #20022-**1½"** or #20023-**2**"	***(Please Circle One)***
Other and/or Notes:	

- *Need measurement of exact location of each additional float for proper placement.*
- *Measure from bottom up for your float(s) position(s) in inches.*

20022 - Kleen Flo Variable Speed Float Assembly, ***with collar and 1½" probe holder***
20022-1 - Kleen Flo Variable Speed Float Assembly, ***with clip and 1½" probe holder***
20023 - Kleen Flo Variable Speed Float Assembly, ***with collar and 2" probe holder***
20023-1 - Kleen Flo Variable Speed Float Assembly, ***with clip and 2" probe holder***
20004 - Additional Floats, Includes: 2 clips and float
20012 - Stainless rod only for float style probe, 29" long
20014 - Junction box for BM style probe
20015 - Junction Box, with large cord grip
20016 - Clip
20018 - Stainless steel collar, ***5/16" ID - 5/8" OD - 5/16" width***
20019 - 1½" long insert for reed switch
20020 - Reed switch for plastic float probe
20025 - Reed switch for stainless float probe
20030 - Stainless Float ONLY

See page 136 for Larger Custom Order Form

KLEEN FLO® PROBE ASSEMBLY

20032 - 16" Kleen Flo float probe assembly, ***with collar and 1½" probe holder***
20032-1 - 16" Kleen Flo float probe assembly, ***with clip and 1½" probe holder***
20034 - 19" Kleen Flo float probe assembly, ***with collar and 1½" probe holder***
20034-1 - 19" Kleen Flo float probe assembly, ***with clip and 1½" probe holder***
20036 - 22" Kleen Flo float probe assembly, ***with collar and 1½" probe holde***
20036-1 - 22" Kleen Flo float probe assembly, ***with clip and 1½" probe holder***
20030 - Stainless Float ONLY
20016 - Clip
20018 - Stainless steel collar, ***5/16" ID - 5/8" OD - 5/16" width***
10094 - Rubber 1½" probe holder
10095 - Rubber 2" probe holder

20030

DRY CONTACT FLOAT PROBE SYSTEMS
ELIMINATES PITTING ON PROBES
WORKS FOR ANY 3 PROBE LLC SYSTEM
WORKS ESPECIALLY WELL IN SYSTEMS WITH EXCESS FOAM

Liquid Level Controls

Kleen-Flo® Liquid Level Control for DeLaval®

- Heavy Duty
- Water Tight
- Stainless Latches for easy opening

- 120/240VAC Input and output via on board selector switch
- Remote indicator LED's ~ Power and Relay
- Heavy duty user replaceable motor relay ~ 25Amps @ 250VAC
- Easy disconnect switch wires

20333 - 3-probe LLC Control Board, ***ONLY***, *replacement for NEW style DeLaval® plastic liquid level box*

20324 - Kleen-Flo LLC box complete, ***less probe assembly***

20341 - Kleen-Flo LLC, with #20345, ***16" probe assembly***

20342 - Kleen-Flo LLC, with #20349, ***19" probe assembly***

20343 - Kleen-Flo LLC, with #20346, ***22½" probe assembly***

20322 - Plastic box with mounting plate ***(No Board)***

Stainless steel mounting plate adapts new board to old style DeLaval® stainless box

20350 - 3-probe LLC Control Board with mounting plate, replacement for OLD style DeLaval® stainless liquid level box

Misc. Copy Parts for DeLaval® LLC

10166 - Relay for new style DL, LLC
10167 - Relay for old style DL, LLC
20328 - Switch for new style DL, LLC box
20329 - Switch for old style DL, LLC box

Water Resistant Square Cover

Probe Assemblies, FDA approved nylon coating

20345 - 16" probe assembly, 3 probe, stainless cover ***(Includes 2 #20336 and 1 #20335 probe rods)***

20349 - 19" probe assembly, 3 probe, stainless cover ***(Includes 2 #20339 and 1 #20337 probe rods)***

20346 - 22½" probe assembly, 3 probe, stainless cover ***(Includes 2 #20338 and 1 #20336 probe rods)***

Probe Rods

	Overall Length	From bottom of probe rod to bottom of grommet
20335	10"	8"
20336	16"	14"
20337	12½"	10½"
20338	22½"	20½"
20339	19½"	17½"

Misc. Parts for Probe Assembly

20340 - 1½" rubber probe holder for 3 probe assembly, copy

20355 - Stainless cover only

Liquid Level Controls

Replacement Box for BouMatic® Receivers

20075 - Replacement stainless steel control panel with hour meter. ***Includes:***
Air injector board, LLC board, and Kleen Flo-12 pulsation board
Input Voltalge 240

20079 - Same as 20075, except with a USED 5-dip BouMatic® pulsation board

20083 - Same as 20075, except LESS pulsation board

20060 - Replacement circuit board for BM air injector

20061 - Wiring Harness for #20060 LLC board

Kleen-Flo® Liquid Level Control

• Designed for a Float probe system • 220 volt input
• Water tight control box

20305 - Control box, ***with #20010 float probe assembly***
20307 - Control box, ***with board, less probe assembly***
20321 - Contactor for #20307, 24 volt AC
20313 - Circuit board for Kleen-Flo LLC box for float, style probes, interchanges with original
20316 - Wiring harness for #20313 LLC board

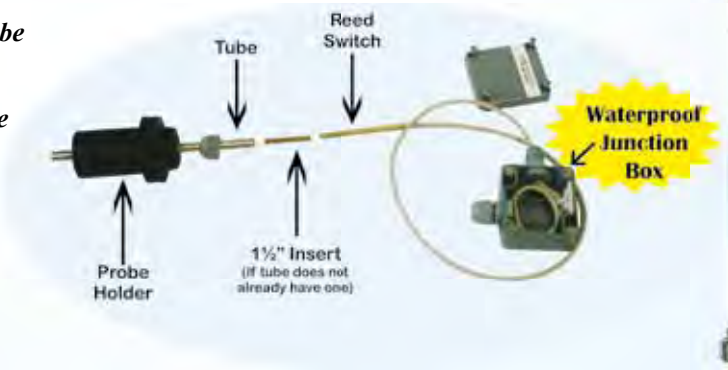
20316

20313 - Board for LLC

Replacement Float Style Probe Assembly and Replacement Parts

20010 - Probe assy for BM, ***complete with reed switch, with Junction box, collar and new style float***
20010-1 - Probe assy for BM, ***complete with reed switch, with Junction box, clip and new style float***
20022 - Kleen Flo variable speed float assy, ***with bottom float, collar and 1½" probe holder***
20022-1 - Kleen Flo variable speed float assy, ***with bottom float, clip and 1½" probe holder***
20023 - Kleen Flo variable speed float assy, ***with bottom float, collar and 2" probe holder***
20023-1 - Kleen Flo variable speed float assy, ***with bottom float, clip and 2" probe holder***

20020 - Reed switch, ***for plastic float probe***
20025 - Reed switch, ***for old style stainless float probe***
20019 - 1½" long insert, ***for reed switch***
10094 - Rubber 1½" probe holder, ***with 3/16" hole***
10095 - Rubber 2" probe holder, ***with 3/16" hole***
10101 - Rubber 1½" probe holder, ***with 1/2" hole***
20012 - Stainless rod only, ***for float style probe***
20014 - Junction box, ***for BM style probe***
20030 - Stainless float, ***for BM probe, with collar***
04113 - Hairpin clip, ***for BM style probe (2 needed)***



Liquid Level Controls

Circuit board is designed for 3 probe system.
It is constructed with the strong screw type connectors.

E-Zee's Kleen-Flo® 4x4 Liquid Level Control

20430

"Water Tight Control Box"

220 volt input

20430 - 220 circuit board only ***(needs contactor)***
20319 - Contactor, 220 volt coil
20431 - Control box with mounting plate and board ***(no probes)***
20434 - Control box with #20345, 16" probe assembly
20436 - Control box with #20349, 19" probe assembly
20438 - Control box with #20346, 22½" probe assembly

110 volt input

20450 - 110 circuit board only ***(needs contactor)***
20320 - Contactor, 110 volt coil
20451 - Control box with mounting plate and board ***(no probes)***
20454 - Control box with #20345, 16" probe assembly
20456 - Control box with #20349, 19" probe assembly
20458 - Control box with #20346, 22½" probe assembly

20332 - Plastic box with mounting plate, ***less board***
20425 - Optional red and green LED kit ➡

The above level control and circuit board are also available for 12 volt.
Please use the part numbers listed below.

20471 - 12 volt DC control box with board, ***(no probes)***
20470 - 12 volt DC board only ***(needs contactor)***

20395 - New style replacement board for Surge® LLC, designed to replace the Surge® 28000 liquid level control board,
NOW WITH SNAP TRAK

Replacement Kleen-Flo® D Style Milk Pumps and Parts

WALL MOUNT

1 HP

10432 - **D-style Kleen-Flo® milk pump, with 1 HP Magnetek single phase motor**
10434 - **D-style Kleen-Flo® milk pump, with 1 HP Sterling single phase motor**
10402 - **D-style Kleen-Flo® milk pump, with 1 HP Sterling 3 phase motor**
10411 - **D-style Kleen-Flo® milk pump, less motor** ***(for 1 HP)***

1½ HP

10502 - **D-style Kleen-Flo® milk pump, less motor,** ***(for 1½ HP)***

FLOOR MOUNT

1 HP

10437 - **D-style Kleen-Flo® milk pump, with 1 HP Magnetek single phase motor**
10401 - **D-style Kleen-Flo® milk pump, with 1 HP Sterling single phase motor**
10403 - **D-style Kleen-Flo® milk pump, with 1 HP Sterling 3 phase motor**
10413 - **D-style Kleen-Flo® milk pump, less motor** ***(for 1 HP)***

1½ HP

10404 - **D-style Kleen-Flo® milk pump, with 1½ HP Sterling single phase motor**
10405 - **D-style Kleen-Flo® milk pump, with 1½ HP Sterling 3 phase motor**
10503 - **D-style Kleen-Flo® milk pump, less motor** ***(for 1½ HP)***

Replacement Parts for D-Style Kleen-Flo®

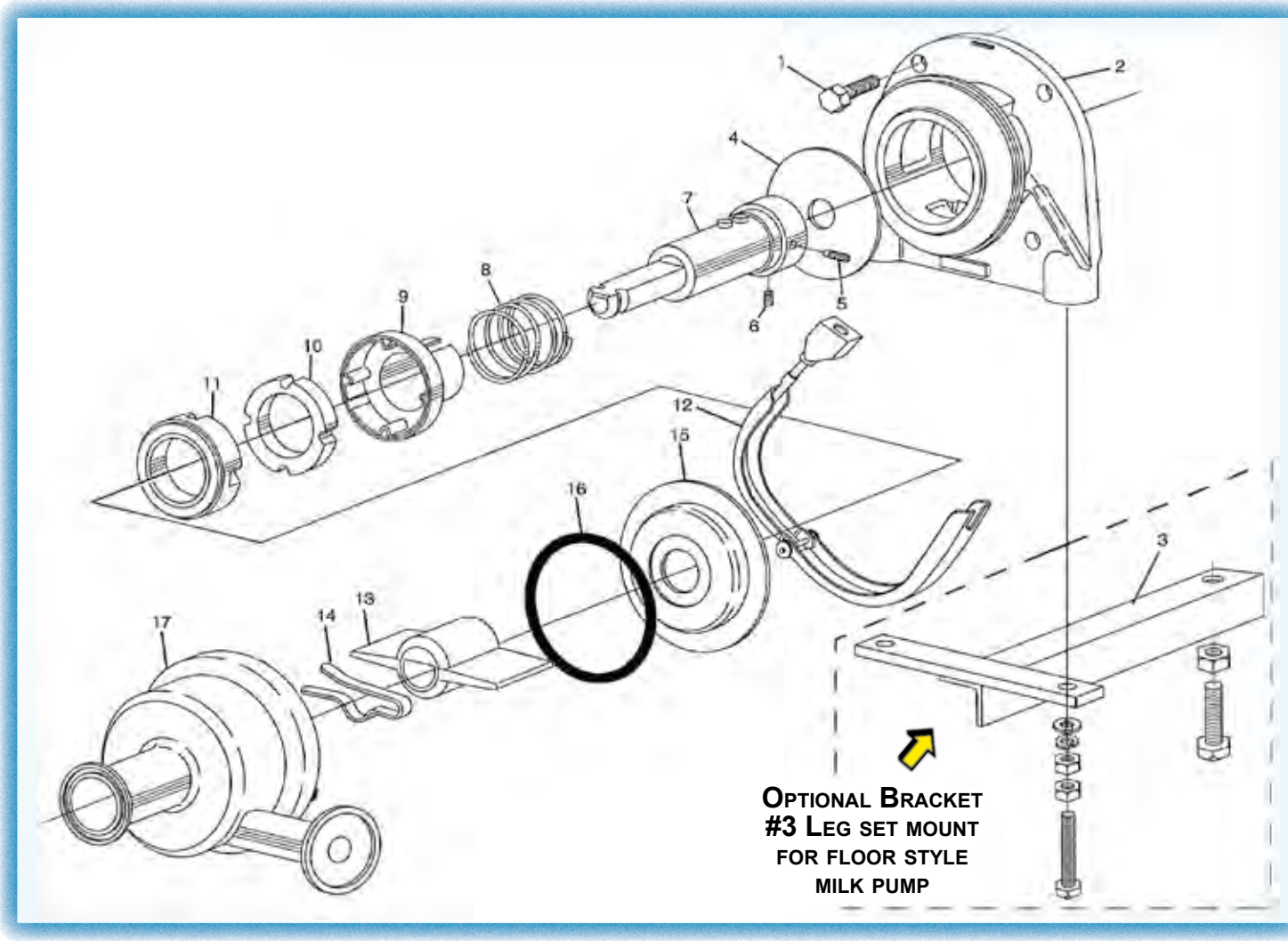
1 - **10422** - Housing mount bolt
2 - **10431** - **STAINLESS** mount for milk pump housing, replaces the aluminum one
3 - **10433** - Stainless adjustable T-brackets, converts a highline milk pump bracket to a floor mount
4 - **10424** - Rubber shaft slinger
5 - **10398** - Set screw, keyway style
6 - **10399** - Set screw, standard style
7 - **10213** - Milk pump shafts, new style
8 - **10429** - Spring
9 - **10425** - Stainless collar
10 - **10428** - Rubber seal for milk pump
11 - **10426** - Carbon seal for milk pump
12 - **10423** - Housing clamp
13 - **10391** - Stainless impeller for 1 HP milk pump
13A - **10393** - Stainless impeller for 1½ HP milk pump
14 - **10394** - Lock clip for milk pump
15 - **10210** - Backplates
16 - **10427** - 4" o-ring, ***.260" Thick x 3¾ I.D. x 4¼" O.D.***
17 - **10520** - Stainless milk pump housing for 1 HP milk pump
17A - **10421** - Stainless milk pump housing for 1½ HP milk pump

Diagram/Parts Breakdown
located on top half of Next Page

Replacement Rebuild Kit for D-Style Kleen-Flo®

10395 - Repair kit for D-style Kleen-Flo®

Includes:
1 - 10428 (#10) rubber seal
1 - 10426 (#11) carbon seal
1 - 10427 (#16) 4" o-ring



Optional Bracket #3 Leg set mount for floor style milk pump

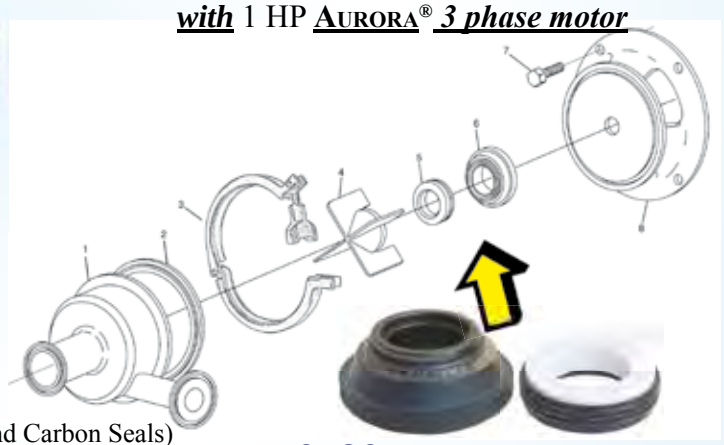
Replacement Kleen-Flo® B Style Milk Pumps and Parts

10185 - 4" replacement B-style Kleen-Flo® milk pump, ***with*** 1 HP **Magnetek** ***single phase motor***

10184 - 4" replacement B-style Kleen-Flo® milk pump, ***less*** motor

10186 - 4" replacement B-style Kleen-Flo® milk pump, ***with*** 1 HP **Sterling** ***single phase motor***

10187 - 4" replacement B-style Kleen-Flo® milk pump, ***with*** 1 HP **Aurora®** ***3 phase motor***



1 - **10180** - Stainless housing for 4" milk pump
2 - **54325** - 4" Tri-Clover gasket
3 - **17232** - 4" Heavy Duty clamp
4 - **10510** - Stainless impeller for 4" milk pump
5&6 - **10190** - Milk pump seal kit (Includes: Ceramic and Carbon Seals)
7 - **10181** - Motor bolt
8 - **10460** - Stainless flange for 4" milk pump

10190 - Repair kit for Kleen Flo® B style and BouMatic® Milk Pumps
(Includes: Ceramic and Carbon Seals)

Thomsen® Milk Pumps and Parts

- *A quality built pump suitable for most applications.*
- *Available in several sizes and configurations.*
- *Known to be a dependable milk pump in the dairy industry.*
- *Additional configurations available upon request.*
- *All pumps listed are without motors.*
- *Pumps can be ordered and shipped fully assembled with motor.*
- *Please call our Pump Division @ 1-888-304-6276 for technical support.*

Part #	Model	Inlet	Outlet	Impeller	Shaft	Discharge	RPM	Seal	Motor
				1 HP					
59700	#4	1.5”	1.5”	3 3/8”	5/8”	Standard	3450	Ext.	56-C
59701	#4	1.5”	1.5”	3 3/8”	5/8”	Reduced	3450	Ext.	56-C
				1½ HP					
59704	#4	1.5”	1.5”	3 5/8”	5/8”	Standard	3450	Ext.	56-C
59705	#4	1.5”	1.5”	3 5/8”	5/8”	Reduced	3450	Ext.	56-C
				2 HP					
59708	#4	1.5”	1.5”	3 7/8”	5/8”	Standard	3450	Ext.	56-C
59710	#4	1.5”	1.5”	3 7/8”	7/8”	Standard	3450	Ext.	145-TC
59707	#4	1.5”	1.5”	3 7/8”	5/8”	Reduced	3450	Ext.	56-C
59706	#4	1.5”	1.5”	3 7/8”	7/8”	Reduced	3450	Ext.	145-TC
59709	#4	2”	1.5”	3 7/8”	5/8”	Standard	3450	Ext.	56-C
59711	#4	2”	1.5”	3 7/8”	7/8”	Standard	3450	Ext.	145-TC
59730	#4	2”	1.5”	3 7/8”	7/8”	Reduced	3450	Ext.	145-TC
59712	#4	2”	2”	3 7/8”	7/8”	Standard	3450	Ext.	145-TC
59713	#5	2”	1.5”	4 1/8”	7/8”	Standard	3450	Ext.	145-TC
59714	#5	2”	2”	4 1/8”	7/8”	Standard	3450	Ext.	145-TC
				2 HP - Left Hand Discharge					
59732	#4	1.5”	1.5”	3 7/8”	5/8”	Reduced	3450	Ext.	56-C
59733	#4	1.5”	1.5”	3 7/8”	7/8”	Reduced	3450	Ext.	145-TC
59731	#4	2”	1.5”	3 7/8”	7/8”	Reduced	3450	Ext.	145-TC
59734	#4	2”	1.5”	3 7/8”	5/8”	Reduced	3450	Ext.	56-C
				3 HP					
59715	#5	2”	1.5”	4 3/8”	7/8”	Standard	3450	Ext.	145-TC
59718	#5	2”	2”	4 5/8”	7/8”	Standard	3450	Ext.	145-TC
59719	#5	2”	1.5”	4 7/8”	1 1/8”	Standard	3450	Ext.	182-TC
59720	#6	2”	2”	4 7/8”	7/8”	Standard	3450	Int.	145-TC
59722	#6	2”	2”	5 7/8”	1 1/8”	Standard	1800	Int.	182-TC
				5 HP					
59716	#5	2”	2”	4 7/8”	1 1/8”	Standard	3450	Int.	184-TC
59726	#6	2”	2”	5 3/8”	1 1/8”	Standard	3450	Int.	184-TC
59741	#8	3”	2”	6 7/8”	1 1/8”	Standard	1800	Int.	184-TC
				7½ HP					
59742	#8	3”	2”	7 5/8”	1 3/8”	Standard	1800	Int.	213-TC
				10 HP					
59743	#8	3”	2”	7 7/8”	1 3/8”	Standard	1800	Int.	215-TC
59746	#8	3”	2”	7 7/8”	1 3/8”	Threaded	1800	Int.	215-TC

Note: #4 pumps are available with a reduced discharge port to use a rubber flapper check valve

Thomsen® Milk Pump Parts

Replacement Parts and Seal Kits for Thomsen® Pumps

59784 - Shaft, #4, #5 and #6 - 5/8", ***for external seal***
59786 - Shaft, #4, #5 and #6 - 7/8", ***for external seal***
59785 - Shaft, #6 - 1 1/8", ***for external seal***
59781 - Shaft, #6 - 1 1/8", ***for internal seal***
59769 - Shaft, #8 - 1 3/8", ***for internal seal***
59792 - Set screw for shaft, ***standard***
59829 - Set screw for shaft, ***for keyway***
59750 - External seal kit, ***for #4, #5 and #6 pumps***
59756 - External seal kit, ***for #4 pump, with s/s wear ring***
59767 - External seal kit, ***for #8 pump, #9499-BO***
59760 - Internal seal kit, ***for #4, #5 and #6 pumps***
59763 - Internal seal kit, ***for #8 pump, #9359-BO***
59770 - Ceramic wear ring, ***for #4, #5 and #6 backplate***
59774 - Adaptor, ***for #5 milk pump, #9255-04***
59775 - Adaptor, ***for #4 milk pump, stainless***
59788 - Housing, ***for #4, 1½" x 1½"***
59790 - Housing ***for #4, Left Hand discharge, 1½" x 1½"***
59789 - Housing clamp, ***for #4***
59799 - Housing clamp, ***for #8***
59628 - Housing clamp, ***for #5***
59827 - Housing clamp, ***for #6***
59782 - Backplate, #4, ***for external seal***
59787 - Backplate, #5, ***for external seal***
59791 - Backplate, #6, ***for external seal***
59783 - Backplate, #4, ***for internal seal***
59728 - Backplate, #5, ***for internal seal***
59797 - Backplate, #6, ***for internal seal***
59768 - Backplate, #8, ***for internal seal***
59576 - Impeller, ***for #4 - 3 3/8"***
59577 - Impeller, ***for #4 - 3 5/8"***
59578 - Impeller, ***for #4 - 3 7/8"***
59651 - Impeller, ***for #5 - 4 1/8"***
59652 - Impeller, ***for #5 - 4 3/8"***
59654 - Impeller, ***for #5 - 4 7/8"***
59764 - Impeller clip, ***for #8***
59765 - Impeller clip, ***for #4, #5 & #6***

"Additional Parts For Thomsen Milk Pumps Available Upon Request"

C-Face Motors for Thomsen® Milk Pumps

• TEFC • 3 phase • 208-230/460

59811 -	3 HP	3600 RPM	7/8" Shaft	145-TC
59812 -	3 HP	1800 RPM	1 1/8" Shaft	182-TC
59810 -	5 HP	3600 RPM	1 1/8" Shaft	184-TC
59815 -	5 HP	1800 RPM	1 1/8" Shaft	184-TC
59817 -	7½ HP	1800 RPM	1 3/8" Shaft	213-TC
59818 -	10 HP	1800 RPM	1 3/8" Shaft	215-TC

US MOTORS - Extra High Torque Farm Duty Motor

• 1.15 Service Factor • TEFC
• Single phase • 1800 RPM

59803 -	3 HP	1 1/8" shaft	184-TC
59805 -	5 HP	1 1/8" shaft	184-TC
59807 -	7½ HP	1 3/8" shaft	215-TC
59809 -	10 HP	1 3/8" shaft	215-TC

NEW PRODUCT

Sterling Premium Stainless Steel Motors

- Can be used on Variable Speed Drives
- Exceeds the demand for the Dairy Industry

Sterling Motors are built to handle high-pressure wash downs!

THREE PHASE - 208-230/460 Volt

3450 RPM w/base

21500	1 HP	5/8 keyed shaft	56 C
21501	1½ HP	5/8 keyed shaft	56 C
21502	2 HP	5/8 keyed shaft	56 C
21503	2 HP	7/8 keyed shaft	145TC
21534	3 HP	7/8 keyed shaft	145TC *(Leeson®)*
21538	3 HP	1 1/8 keyed shaft	182TC *(NAE®)*

21503

21598	1 HP	Surge® replacement milk pump motor
21574	1 HP	Threaded shaft motor for BM and UN *(Aurora®)*

SINGLE PHASE - 110/220 Volt

3450 RPM w/base

21544	1 HP	5/8 keyed shaft	56 C
21545	1½ HP	5/8 keyed shaft	56 C
21546	2 HP	5/8 keyed shaft	56 C
21547	2 HP	7/8 keyed shaft	145TC

21544

21597	1 HP	Surge® replacement milk pump motor
21575	1 HP	Threaded shaft motor for BM and UN

A 1 Year Warranty Applies to All Milk Pump Motors

21597

Milk Pump Motors

Tank Washer Motors

21578

Sterling Stainless Steel

SINGLE PHASE - 110/220 Volt

21578 - ¾ HP motor with 56-J threaded shaft, 1 phase
21579 - 1½ HP motor with 56-J threaded shaft, 1 phase

12 Volt DC Tank Washer Motor

67613 - ¾ HP Lesson Washgaurd, with 56-J threaded shaft

A Motor Designed by A.O. Smith/Magnetek for Dairy Milk Pumps

➪ **Wash Down Duty Motor** ➪ **Stainless Steel Shaft**
➪ **Weatherproof** ➪ **Permanent Split Capacitor**
➪ **TENV** ➪ **3600 RPM** ➪ **Single Phase - 220 Volts ONLY**

FOR DELAVAL® MILK PUMPS

21581	½ HP	5/8 keyed shaft	B-581
21582	¾ HP	5/8 keyed shaft	B-582
21583	1 HP	5/8 keyed shaft	B-583

FOR BOU-MATIC® MILK PUMPS

21584	½ HP	threaded shaft	B-584
21585	¾ HP	threaded shaft	B-585
21586	1 HP	threaded shaft	B-586

FOR SURGE® MILK PUMPS

21592	¾ HP	Requires Capacitor	B-592

21586

A 1 Year Warranty Applies to All Milk Pump Motors

NEW ITEM

59892 - Replacement Stainless 3 blade impeller for Universal milk pump

NEW ITEM

10729 - Replacement Four blade impeller for Surge milk pump

ImPulse III

Variable Speed Milk Pump Controller

Precise Milk Pump Control
- Matches pumping speed to incoming milk flow

Maximum Cooling Efficiency from Plate Coolers
- Slower milk flow through plate cooler allows maximum heat exchange and lowers milk temperature further

Lower Bacterial Counts
- Faster cooling reduces bacteria growth

Better Milk Quality
- Slower milk pump operation reduces milk cell damage -- minimizing the release of free fatty acids - high quality flavor is maintained

Variable Speed Milk Pump Controller "Less Probe"

	HP	Volts	Phase
35005NP - ImPulse III	2	230	Dual Rated 1 & 3
35004NP - ImPulse III	3	230	Dual Rated 1 & 3
35010NP - ImPulse III	2	460	3
35012NP - ImPulse III	3	460	3
35015NP - Impulse III	5	460	3

P09645NP - RFI Filter **ONLY**, ***for ImPulse Single Phase Inverter, 2HP 0-250 VAC 2x 20 Amps***

P09650NP - RFI Filter **ONLY,** ***for ImPulse 3 Phase Inverter, 2HP 0-480 VAC 3x10 Amps***

ImPulse III Concept

The ImPulse Controller varies the milk pump speed in order to pump milk through a plate cooler or other type of cooling device as slowly as possible.

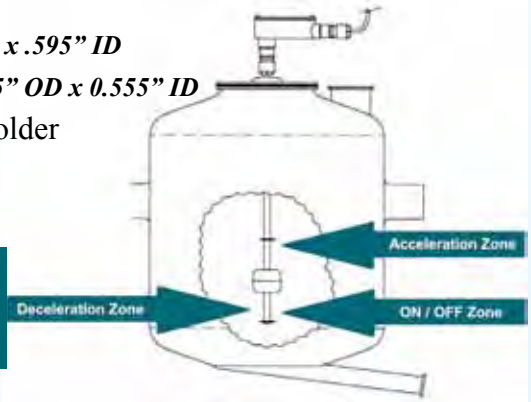
Traditional milk pump control systems wait until milk is accumulated in the receiver to a predetermined level then turns the pump on full speed -- 3,400 to 3,600 R.P.M. This rapidly pumps milk out until the receiver is nearly empty.

The speed at which milk is pumped through the cooling device is very fast. The result is that milk is not cooled nearly as much as is possible. Slowing milk flow down allows for maximum heat exchange and the highest possible efficiency from cooling devices.

Probe Assembly for ImPulse III

35002NP - 24" Probe assembly
35003NP - 30" Probe assembly
35006NP - 60" Probe assembly
03502NP - Wire Assembly, ***for 24/30" Probe for ImPulse Controller***
03504NP - Wire Assembly, ***for 60" Probe for Impulse Reservoir***
10101 - Rubber 1½" probe holder with ½" hole
R03513NP - 2" SS Float with Magnet, ***2" OD x 2" OD x .595" ID***
R03509NP - 1.5" SS Float with Magnet, ***1.5" OD x 1.5" OD x 0.555" ID***
R03502NP - ImPulse Mark II Liquid Level Probe Holder
R03504NP - Rubber holder for 60" probe

The ImPulse uses proven float technology to operate the milk pump at variable speeds to stay just ahead of the milk inflow rate.



Replacement Kits for Milk Pumps

Seal Kit for D-Style DeLaval®
10395 - *Kit Includes:*

1 - **10428** - Rubber seal
1 - **10426** - Ceramic seal
1 - **10427** - 4" O-ring

Seal Kit for Ben Anderson®
59895 - *Kit Includes:*

1 - **59894** - Carbon seal
1 - **59897** - Ceramic seal
1 - **59886** - O-ring
1 - **59898** - 4" gasket
1 - **59899** - 4" gasket ***(old style)***

Seal Kit for Sta-Rite®
59890 - *Kit Includes:*

1 - **59887** - Shaft seal
1 - **59886** - O-ring
1 - **59888** - Head gasket

Seal Kit for External Thomsen®
59750 - *Kit Includes:*

59771 - Rotary Seal Assembly
59770 - Ceramic Seal
59794 - Housing O-ring for #4
59795 - Housing O-ring for #5
59796 - Housing O-ring for #6
59765 - Impeller clip

Seal Kit for Internal Thomsen®
59760 - *Kit Includes:*

59762 - Ceramic Seal
59793 - O-Ring
59761 - Spring
59794 - Housing O-ring for #4
59795 - Housing O-ring for #5
59796 - Housing O-ring for #6
59765 - Impeller clip

Seal Kit For Kleen Flo®
14775 - *Kit Includes:*

14102 - Head gasket
14756 - Ceramic seal assembly
14770 - Rotating head assembly

Seal Kit for old style Surge®
10795 - *Kit Includes:*

- Carbon Seal
- Rubber Seal
- Small e-clip
- Tri-clamp flapper
- Surge style flapper
- Large 4" head gasket
- 1½" Gasket

Seal Kit for new style WF Surge®
10710 - *Kit Includes:*

10712 - Ceramic Seal
10711 - Rotary Seal Assembly
10715 - Large e-clip
10716 - Small e-clip
10417 - Tri-clamp flapper
10418 - Milk pump check valve
10713 - Large 4" head gasket
54326 - 1½" Gasket

Seal Kit for SP-41
10750 - *Kit Includes:*

- Ceramic Seal with rubber
- Teflon Seal
- O-Ring
- Spring

Replacement New Style backplate for Surge® Milk Pump
10725

Seal Kit For BouMatic® and Kleen-Flo® B Style
10190 - *Kit Includes:*

- Ceramic Seal
- Carbon Seal

1 HP Kleen Flo and Ben Andersen seal assembly
14810 - *Kit Includes:*

14770 - Rotating head assembly
14756 - Ceramic seal assembly

Milk Pump Valves and Drains

78470 - 4” Vacuum Drain Valve.
78471 - Diaphragm *for 4” drain valve*
78473 - 3/8” Clear hose for vacuum drain valve *(per foot)*

78470

- *Works with a 3/8” I.D. hose*
- *Overall diameter 4½”*
- *Bottom nipple is 3/8” O.D.*

78460

Drain Valve Assembly Elbows

78460 - 1½” elbow *with 3/8” O.D. bottom outlet*
78465 - 1½” elbow *with 7/16” O.D. bottom outlet*
78466 - 1½” elbow *with 5/8” O.D. bottom outlet*
78467 - 1½” elbow *with 3/4” O.D. bottom outlet*
78431 - 1½” elbow *with 5/8” O.D. left handed outlet*
78432 - 1½” elbow *with 5/8” O.D. right handed outlet*
78434 - 2” elbow *with 5/8” O.D. left handed outlet*
78435 - 2” elbow *with 5/8” O.D. right handed outlet*
78437 - 1½” elbow *with 5/8” O.D. parallel outlet*
78439 - 2” elbow *with 5/8” O.D. parallel outlet*

NEW ITEMS

78431

78432

This stainless steel vacuum operated hose pinch clamp will accept up to a 3/4” silicone hose, or a 5/8” rubber hose. The vacuum port is 3/8” I.D. Clamps onto standard 1½” stainless tubing.

78475 - Vacuum Operated Stainless Steel Pinch Valve
78450 - 1½” elbow with 3/8” nipple and #78475 pinch clamp
78452 - 1½” elbow with 5/8” nipple and #78475 pinch clamp
78454 - 1½” elbow with 3/4” nipple and #78475 pinch clamp
78476 - Diaphragm only for pinch valve

78475

78483 - High Capacity vacuum drain for 5/8th” to 7/8” rubber or silicone hose
78485 - Large pinch clamp valve, vacuum operated , with 1½” elbow with 5/8” nipple
78487 - U-cup seal for High Capacity black plastic drain

78483

Milk Pump Valves And Replacement Parts

10438 - 1½” stainless milk pump check valve with pin & ball
10439 - Ball only, for 1½” check valve assembly
10436 - Retaining clip for 1½” milk pump check valve
10465 - 2” stainless milk pump check valve with pin & ball
10467 - Ball only, for 2” check valve assembly
10466 - Retaining clip for 2” milk pump check valve

Ball Sizes:
For 1½” valve 1 3/8”
For 2” valve 1 7/8”

Flapper Valves for Milk Pumps

10415 - Stainless flapper valve seat for 1½”
10416 - 1½” Rubber flapper valve for Delaval®
10418 - 1½” Rubber flapper valve for Surge®
10417 - 1½” Rubber flapper valve for Tri-clamp fitting *(standard)*
10419 - 1½” Rubber flapper valve for Tri-clamp fitting *(large)*

10415

Rubber Flapper Valve

Sputnik Wheels

38140 - Air tire for back wheels, ***standard***
38145 - Bearing for air tire, ¾”
38181 - Plate Kit ***to convert plate style wheel to shaft style***
38182 - Hard swivel wheel ***with plate***
38187 - Front wheel with bearing, ***no plate***
38180 - Bearing kit ***for hard swivel wheel***
38186 - White end cap ***for swivel wheel bearing***

Sputnik Miscellaneous Parts

38191 - Pipe o-ring
38190 - V-Type lid gasket
38189 - O-ring type lid gasket
38192 - Grommet
38202 - 1½” hose clamp with washer ***for Sputnik grommet***
38196 - Drain gaskets, 1½”
38197 - Drain gaskets , 2”

78428 - Replacement drain tube for Surge® Fast Flow drain

78414 - Replacement rubber drain elbow for DeLaval® Milk Pump

Parts for Glass Quart Jar Moisture Trap

20246 - Rubber seal for trap head
10439 - Ball for trap
20237 - Glass jar ***ONLY, with drain hole***
20242 - Wire holder for jar
20247 - White plastic jar holder
20248 - Rubber drain check valve

Transfer Station Parts

38147 - Dumping station wheel, ***small (requires 1 per station)***
38149 - Dumping station wheel, ***large (requires 2 per station)***
38207 - Replacement hose dryer motor
23251 - 5” Dumping station ball

Releaser Jar Parts

38213 - White cylinder gasket, ***for 1600 or 1800 releaser***
38220 - Clear elbow with thread, 5/8”, ***for 1800 releaser***
38215 - Blue elbow with thread, 1/2”, ***for 1800 releaser***
38211 - Rubber seal for releaser rod
56217 - Jar bracket gasket
56224 - Restrictor with red cap, ***for Bender releaser***
56225 - Red cap, ***ONLY***

Check Valves for Releasers and Parts

38500 - 1” x 1½” x 1” O.D. assembly, ***for drain hose***
38525 - 1½” glass to 5/8” I.D. s/s assembly, ***for large Bender releaser***
38527 - 1½” glass to 3/4” I.D. s/s assembly, ***for large Bender releaser***
38545 - 1½” x 1½” x 1½” tee assembly, ***for small Bender releaser***
10419 - 1½” Rubber flapper valve for Tri-clamp fitting ***(large)***
10415 - Stainless flapper valve seat for 1½”

38100 - Stainless moisture trap assembly for Bender Releaser

Kleen-Flo® Milk Filter Assemblies

These side discharge filter assemblies are sold complete with the o-ring and flat white gasket. Our standard stock filters are available with an 1½" or 2" tri-clamp ferrule on each end. Heavy duty clamp is included.

All Kleen-Flo® milk filter assemblies are closed bottom strainers, and require the sock filter (not the tube filter)

WHITE GASKET STYLE

20738 - 4 X 17"
10320 - 3 X 23"
20733 - 4 X 33"

3 X 23 1/2" Filters

10320 - 3" x 23" filter assembly, side discharge
(Uses 3 1/2" x 23 1/2" filter socks)
10322 - 3" x 23" filter insert, side discharge
10318 - O-ring for 3 X 23 1/2"
10319 - White flat seal gasket for 3" X 23 1/2"

4 7/8" Filters for 17" and 33"

20738 - 4" x 17" x 1 1/2" side discharge filter assembly
20733 - 4" x 33" x 1 1/2" side discharge filter assembly
20752 - 4" x 33" x 2" side discharge filter assembly
20728 - Replacement stainless insert for 4 7/8" x 33" filter
20742 - Replacement stainless insert for 4 7/8" x 17" filter

Parts for 4" Side Discharge Filter

20731 - White flat seal gasket for 4"
20732 - Two tabbed o-ring for 4"
54325 - 4" Pipeline gasket
17232 - 4" Heavy duty clamp
20737 - Plug for bottom of open end side discharge filter, (*not used in our filters*)

20731

20732

Parts for Old Style Straight Through Filters

20734 - Top discharge cap for tube filter, for 4 7/8 filter *(for open bottom, straight through filter)*

20736 - Bottom discharge cap for tube filter ,for 4 7/8 filter *(for open bottom, straight through filter)*

12" and 24" Filter Assemblies

38600 - 12" inline filter assembly, 5/8" I.D. ports
38601 - 12" inline filter assembly, 3/4" I.D. ports
38604 - Spring ONLY, for 12" assembly

38610 - 24" inline filter assembly, 5/8" I.D. ports
38612 - 24" inline filter assembly, 3/4" I.D. ports
38616 - Spring ONLY for, 24" assembly

38590 - 6" inline filter assembly, 5/8" I.D. ports
38591 - 6" inline filter assembly, 3/4" I.D. ports
38594 - Spring ONLY for, 6" assembly

19547 - 1" rubber filter grommet
(These are the ones we use in our assemblies)

19549 - 1½" rubber filter grommet

Kleen-Flo® Milk Filter Assemblies

Stainless Front End Filter Dispensers

20794 - For 2¼" x 24" up to 3" x 23½" filters
20745 - For up to 4 7/8" x 36" filters
20748 - For up to 4 7/8" x 17" filters
20747 - Black knob for filter dispenser

NEW FEATURE
Spring Loaded Hinge

Top is 12½" Wide

Bottom is 5" Wide

20780 - Light Duty Stainless Strainer
Includes: inside mesh strainer, o-ring and box of 100 filter disks

20782 - Stainless screen

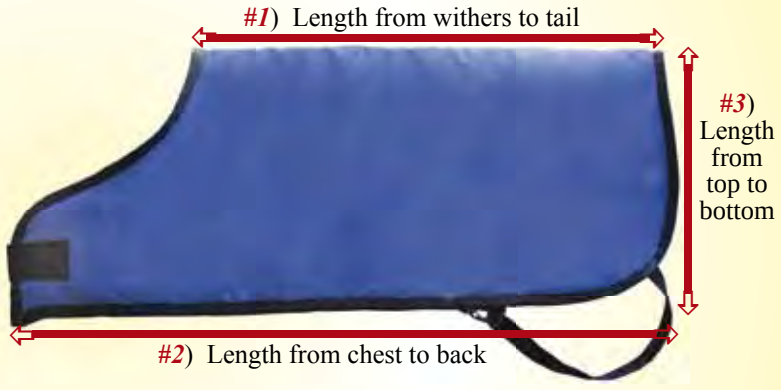
20783 - 6½" filter disk for milk strainer
(box of 100)

FREE BOX OF FILTERS WITH PURCHASE OF STRAINER

Great for the Hobby Farmer

Calf Blankets

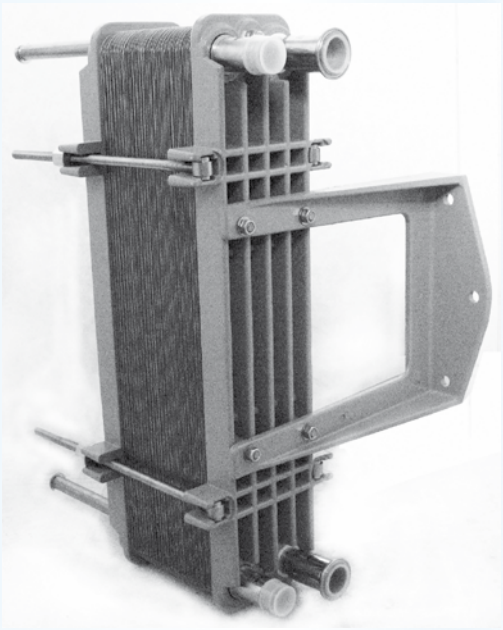
75000 - Large - *#1*)26", *#2*)36", *#3*)15"
75008 - X-Large - *#1*)28", *#2*)38", *#3*)17"
75016 - XX-Large - *#1*)30", *#2*)40", *#3*)19"
75024 - Jersey - *#1*)22", *#3*)11"



Please specify color - Blue or Black
Other colors are available by request, with a 1 - 2 week lead time

Skellerup M-Style Single Pass Plate Coolers

- 3 - A Approved
- All stainless Center plates
- 1½" milk ports
- 1" water ports NPT
- Lower your electricity bill by installing an M-Style Plate Cooler
- Longer compressor life



20930 - 30 plate.....Maximum of 480 gallons of milk per hour
20942 - 42 plate.....Maximum of 675 gallons of milk per hour
20954 - 54 plate.....Maximum of 960 gallons of milk per hour
20961 - Inlet/outlet gasket for M-Series plate cooler

Plate Cooler Parts

21030 - 1" EZ Solenoid valve (110 volt)
21031 - 1" EZ Solenoid valve (220 volt)
21032 - Coil only for EZ solenoid valve (110 volt)
21033 - Coil only for EZ solenoid valve (220 volt)
21034 - Rebuilt kit for EZ solenoid valve

20825 - Stainless screen for 1½"
20827 - Stainless screen for 2"

Tube Coolers

E-Zee's low maintenance, all stainless tube coolers are only available in 10' lengths. Comes with a 3" tri-clamp fitting on each end, and the water fittings are for 2" NPT. The interior consists of 30 small stainless steel tubes.

10380

10380 - 3" tube cooler, 30 tube - 10' length
54432 - 3" x 1½" concentric reducers
54462 - 3" x 1½" eccentric reducers
10355 - Complete reducer kits
Includes: 1 eccentric 1½" x 3" reducer, 1 concentric 1½" x 3" reducer, 2 - 3" clamps, and 2 - 3" gaskets

10355

Custom Sizes Available - please call Levi @ 800-768-0887

Eco Plate Coolers

- A more economical, all stainless, plate cooler
- Dual water ports for better cooling efficiency
- Bracket included
- 1" NPT water
- 1½" Tri/clamp milk inlets

Part #	Description	Milk Cooled/Hour (Gals.	Lbs.)	Water Necessary for Max. Gallons of Milk (gallons)
21010	31 - Plate Single Pass	450	3,870	1,350
21012	55 - Plate Single Pass	950	8,170	2,850
21014	54 - Plate Dual Pass	450	3,870	1,350

Plate Cooler Parts

21016 - Eco plate with gasket

21018 - Eco Inlet/outlet gasket

CIP's and Parts

Heavy Duty Rack

These heavy duty all stainless CIP racks are designed to fit almost any style of claw, including the 300cc or the Harmony®.

U-bolts to mount the racks are sold separately, 10248.

HIGH POLISH FINISH

10240 - Heavy duty hang-all rack, ***Only***
10250 - Complete assembly, less u-bolts ***with #7350 cups for 06 shell***
10252 - Complete assembly less u-bolts ***with #7340 cups for BM shell***
10254 - Complete assembly, less u-bolts ***with #7330 cups for Surge® and Universal® shells***
10256 - Complete assembly, less u-bolts ***with #7360 cups***

Light Duty Rack

10235 - Light duty CIP Rack with rod cup supports, ***Only***
10236 - Complete assembly ***with #7350 cups for 06***
10237 - Complete assembly ***with #7340 cups for BM***
10238 - Complete assembly ***with #7330 cups for Surge®***
10239 - Complete assembly ***with #7360 cups***

CIP Rack Assemblies Include: Stainless CIP tee, duckbill drain and 4 jetter cups

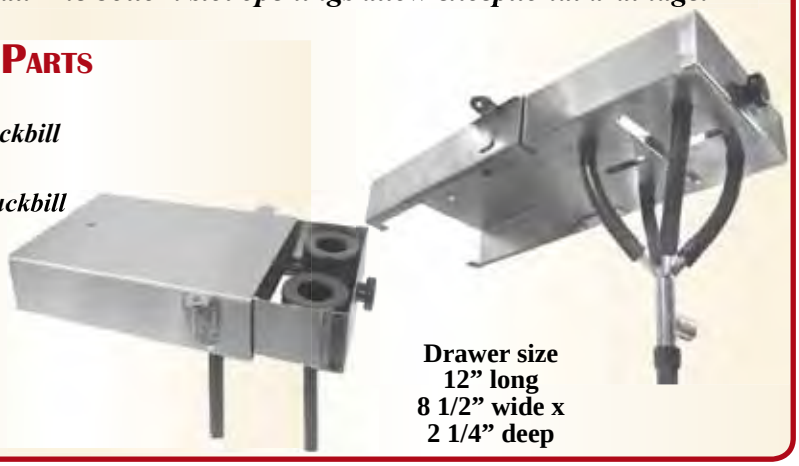
Rubber Cups ONLY for Heavy Duty and Light Duty CIP Racks

25160 - #7350 for DeLaval® shells, 1 3/8" I.D. opening
25161 - #7340 for BouMatic® shells, 1½" I.D. opening
25162 - #7330 for Surge® shells, 2" I.D. opening
25163 - #7360 for DeLaval® 6100 shells and also for some Westfalia® shells, 1½" I.D. opening

Compact, high quality, stainless steel Drawer style CIP with excellent drainage. The rubber cups are a sturdy "snap in" style for quick attachment and removal. The bottom slot openings allow exceptional drainage.

Kleen-Flo® Drawer Style CIP Rack and Parts

10261 - Complete CIP Rack assembly,
with 27325 rubber cups for DL, tee and duckbill
10262 - Complete CIP Rack assembly,
with 27322 rubber cups for BM, tee and duckbill
10265 - CIP Rack ONLY
10268 - Black knob for drawer
10269 - Stop guide for drawer
27325 - Rubber cup, for DeLaval® or Westfalia®
27322 - Rubber cup, for BouMatic® or Surge®



Drawer size
12" long
8 1/2" wide x
2 1/4" deep

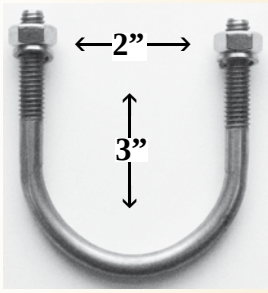
10360 - CIP Distributor Tee, out of line
10361 - CIP Distributor Tee, in line
10362 - Stainless CIP Tee - Vented 0.078, #47, out of line

18037 - Duckbills

59206 - Plastic restrictors for CIP Tee

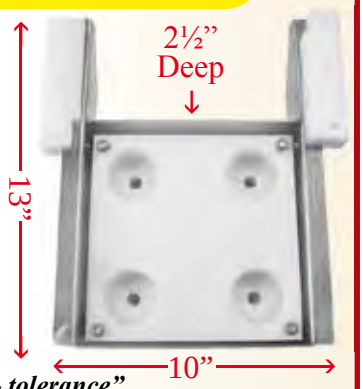
25168 - Old Style Replacement jetter cup for DL wash rack (7310)

10248 - Stainless U-Bolts with nuts and washers



CIP's and Parts

This CIP mounts with side blocks. The tray has stops so the drawer cannot be pulled out. The drain is a 5/8" ID stainless nipple coming straight out of the bottom



Complete Under Curb Sliding CIP

10274 - Complete CIP; 47mm version; ***for smaller head inflation***
10275 - Complete CIP; 51mm version; ***for DL or WF shell***
10276 - Complete CIP; 55mm version; ***for Milkrite Silmax or Impulse IP3***
10277 - Complete CIP; 57mm version; ***for Surge® or BM shell***
10278 - Complete CIP; 52mm version; ***for GEA Inflation on IQ claw***

Under Curb CIP Blocks, ONLY

10280 - 55mm delrin block; ***Milkrite Silmax or Impulse IP3; "55MM Actual size - .5MM +/- tolerance"***
10281 - 47mm delrin block; ***for smaller head inflations; "47MM Actual size - .5MM +/- tolerance"***
10282 - 51mm delrin block; ***for DL or WF shells; "49.5MM Actual size - .5MM +/- tolerance"***
10283 - 57mm delrin block; ***for Surge or BM shells; "56.5MM Actual size - .5MM +/- tolerance"***
10284 - 52mm delrin block; ***for GEA inflations on IQ claw; "50.5MM Actual size - .5MM +/- tolerance"***

Parts for Under Curb CIP

10279 - O-ring
10286 - Set of 2 mounting slides
10273 - Drain assembly for Drawer or Fold Down CIP rack
10285 - Stainless mounting plate for Under Curb CIP rack

This Sturdy Fold Down CIP only requires minimal curb space when in upright position - 5/8" wash nipple comes out the side to avoid pinching the hose when unit is lowered

Complete Fold Down CIP Tray

10291 - Complete CIP ;51mm; ***for DL or WF shell***
10292 - Complete CIP; 57mm; ***for Surge® or BM shell***
10293 - Complete CIP; 47mm; ***for smaller head inflation***
10294 - Complete CIP; 52mm; ***for GEA Inflations on IQ claw***
10295 - Complete CIP; 55mm; ***for Milkrite Silmax or Impulse IP3***

Fold Down CIP Blocks, ONLY

10301 - 52mm delrin block; ***for GEA Inflation on IQ claw; "50.5MM Actual size - .5MM +/- tolerance"***
10302 - 47mm delrin block; ***for smaller head inflations; "47MM Actual size - .5MM +/- tolerance"***
10303 - 51mm delrin block; ***for DL or WF shell; "49.5MM Actual size - .5MM +/- tolerance"***
10304 - 57mm delrin block; ***for Surge® or BM shell; "56.5MM Actual size - .5MM +/- tolerance"***
10305 - 55mm delrin block; ***for Milkrite Silmax or Impulse IP3; "55MM Actual size - .5MM +/- tolerance"***

Parts for Under Curb CIP

10273 - Drain assembly for Drawer or Fold Down CIP rack

CUSTOM SIZES AVAILABLE

Replacement H manifold for DL

21775

21755

21775 - Plastic H manifold for fold down CIP for DL
21755 - Radel CIP Rod for H manifold
21761 - Jetter cup for DL H block, for BM shell (7313)
21760 - Jetter cup for DL H block, for 06 shell (7312)

Hand Sink

New Style
with single knob

Holds 4.5 gallons
Dimensions
17¼"W x 16¼"L x 6½"D

78280 - Complete hand sink
with mounting bracket, faucet and drain
78284 - Faucet for hand sink
21385 - Drain assembly
with rubber stopper, 1¾" threads

White Nylon Wash Plugs

3"

78405 - 4 piece - 3" wash plug set, ***less tee***
Includes: 2 gaskets, 1- short plug and 1- long plug
78400 - 5 piece - 3" wash plug set
Includes: 1- 3" tee, 2 gaskets, 1- short plug and 1- long plug
54329 - 3" Pipeline gasket
54313 - 3" tri clover tee
78406 - Short 3" plug only
78407 - Long 3" plug only

2"

78392 - 4 piece - 2" wash plug set, ***less tee***
Includes: 2 gaskets, 1- short plug and 1- long plug
78390 - 5 piece - 2" wash plug set
Includes: 1- 2" tee, 2 gaskets, 1- short plug and 1- long plug
54327 - 2" Pipeline gasket
54312 - 2" tri clover tee
78394 - Short 2" wash plug
78395 - Long 2" wash plug

Air Blow Valve and Parts

10670 - 2" Air blow valve, ***for 1½ check Y, 3/8" NPT***
10685 - Stainless screen
10681 - Rubber shutoff with stem
10687 - Filter ***(PACK OF 10)***

Milk Wash Diverter Valves

78365 - Stainless 2"
78367 - Stainless 2½"
78369 - Stainless 3"
78371 - Stainless 4"

Our vertical wash vats are made from heavy duty 16 gauge stainless steel.

Vertical Wash Vats without Sight Glass

27050 - 50 gallon.....26”W x 30”H
27075 - 75 gallon.....26”W x 38”H
27100 - 100 gallon.....26”W x 47”H
27125 - 125 gallon.....31”W x 40”H
27175 - 175 gallon.....31”W x 57”H
27225 - 225 gallon.....38”W x 48”H

The 4 stainless legs on the bottom of this vat are designed to fit a standard 1½” O.D. tubing inside them. This allows the vat to be adjusted to whatever height desired. The drain on these vats consists of a 2” O.D., standard tubing (non threaded) and accepts the yellow motorized drains.

Vertical Wash Vats with Sight Glass

27051 - 50 gallon.....26”W x 30”H
27076 - 75 gallon.....26”W x 38”H
27101 - 100 gallon.....26”W x 47”H
27126 - 125 gallon.....31”W x 40”H
27176 - 175 gallon.....31”W x 57”H
27226 - 225 gallon.....38”W x 48”H

Also available with a sight glass

Note: Height does not include the added length of the legs.

27090 - Stainless drain pan for wash vat. Dimensions = 30” square by 2” deep.
Designed to be set into the concrete on a new installation.

27004 - Leg extensions for wash vats - ***Includes: 4 - 18” extensions***

27040 - Stainless cover with hinge for vertical 50, 75 or 100 gallon wash vats

All measurements listed below are from one inside wall to the next inside wall. The width of all vats are 18” and the depth of all vats are 12”. When filled with water , 2” from the top, the capacity of them is 0.61 gallons per inch. Take this times the length of the compartment and it gives you the capacity of the vat.

Horizontal - Single Wash Vats

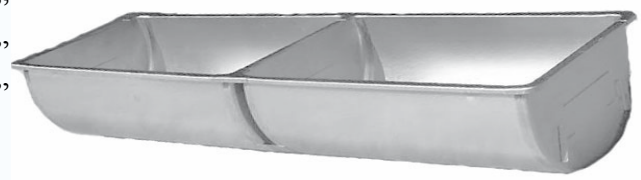
21370 - 22”
21378 - 29”
21371 - 36”
21372 - 49”
21373 - 60”
21374 - 72”

All horizontal wash vats include stainless steel drain assembly and rubber stopper. Leg or wall brackets sold separately.

Horizontal - Double Wash Vats

21365 - 22” x 22”
21367 - 22” x 29”
21380 - 22” x 36”
21369 - 22” x 49”
21375 - 29” x 29”

Made with 22 gauge stainless steel



Drain Assembly

21385 - Drain assembly with rubber stopper, 1¾” threads
21382 - Drain nut
21384 - Rubber washer for drain
21387 - Rubber stopper for drain

Brackets

Sold as a set

21390 - Wall brackets (2) for horizontal wash vat
21392 - Leg brackets (2) for horizontal wash vat

Horizontal Wash Vat - Single - Deeper Style

All measurements listed below are from one inside wall to the next inside wall.
The inside width of the deeper vats is 22” and the inside depth is 15½”. The capacity equals 1 gallon per 1 inch.

21355 - 30” = 30 gals.
21356 - 40” = 40 gals.
21357 - 50” = 50 gals.
21358 - 60” = 60 gals.

Brackets for Deeper Vats

Sold as a set

21397 - Wall Brackets (2) for deeper wash vat
21398 - Leg Brackets (2) for deeper wash vat

CALL US FOR PRICES ON OUR DISCOUNTED “SECONDS”
HORIZONTAL WASH VATS - VARIOUS SIZES ARE AVAILABLE

Depend-o-Drains and Parts

We only offer a 30 day warranty on Depend-o-drains

22023 - 110 volt Depend-o-drain, yellow motorized drain ***with black splash cover, plate flapper style - normally open (DOD #20240401)***

22025 - 220 volt Depend-o-drain, yellow motorized drain ***with black splash cover, plate flapper style - normally open (DOD #20241402)***

22022 - 110 volt Depend-o-drain, grey motor cover, ball valve style - ***normally open (DOD #20730510)***

22032 - 220 volt Depend-o-drain, grey motor cover, ball valve style - ***normally open (DOD #20731810)***

22020 - 110 volt Depend-o-drain, grey motor cover, ball valve style - ***normally closed (DOD #20750400)***

22019 - 220 volt Depend-o-drain, grey motor cover, ball valve style - ***normally closed***

22033 - 24 volt AC Depend-o-drain, standard, ***with black splash cover, plate flapper style - normally open***

22034 - 24 volt AC Depend-o-drain, standard, grey motor cover - ***normally open***

22035 - Transformer for Depend-o-drain, ***110 volt***

22036 - Transformer for Depend-o-drain, ***220 volt***

22037 - Transformer for Depend-o-Drain, ***24 volt***

22035

Ball Style with Gray motor cover are CSA Approved

22024 - 110 volt motor, ***ONLY***

22026 - 220 volt motor, ***ONLY***

22027 - 4 piece Depend-o-drain seal plate assembly.
Includes: Stainless plate for rubber seal, rubber seal, spring & screw. These parts come assembled.

22024

NOT CSA Approved

Bender Washers and Parts

78540 - Bender diverter, 110 volt

78541 - Bender diverter, 220 volt

78536 - Bender diverter solenoid, 110 volt

78538 - Bender diverter solenoid, 220 volt

78542 - Stopper rod assembly ***for Bender diverters***

78546 - Bender diverter gasket ***(2 needed per diverter)***

78500 - #8500 Bender Washers, 110 volt

78507 - O-ring seal for jar on Bender Washer

78515 - Detergent and acid jar ***for Bender 8500 washer***

78725 - Timer with harness ***for Delaval® 3000, 8500 & 9750 washers***

78750 - Timer only - 120V #9750 ***(no harness)***

78751 - Timer only - 240V #9750 ***(no harness)***

78569 - Pressure switch ***for Bender Washer***

78510 - Detergent top assembly ***for 8500 washer***

78495 - Honeywell limit switch for washers

78425 - Older style MAC valves for Surge® Vacuum Wash Control

Kleen Flo Butterfly Valves

3 Locking Positions
304 Stainless

Ferruled

17061 - 1½" Tri-clamp valve
17062 - 2" Tri-clamp valve
17063 - 2½" Tri-clamp valve
17064 - 3" Tri-clamp valve
17065 - 4" Tri-clamp valve

Tri-Clamp x Thread

17045 - 1½" Tri-clamp x Thread
17046 - 2" Tri-clamp x Thread
17047 - 2½" Tri-clamp x Thread
17048 - 3" Tri-clamp x Thread

Weld On

17071 - 1½" Weld on valve
17072 - 2" Weld on valve
17073 - 2½" Weld on valve
17074 - 3" Weld on valve
17075 - 4" Weld on valve

Seals (Black)

17051 - 1½" Butterfly valve seal
17052 - 2" Butterfly valve seal
17053 - 2½" Butterfly valve seal
17054 - 3" Butterfly valve seal
17055 - 4" Butterfly valve seal

Custom sizes and Connections Available by Special Order Only

Bulk Tank Valves

17111 - 1½" Bevel seat to thread, includes nut
17112 - 2" Bevel seat to thread, includes nut
17113 - 3" Bevel seat to thread, includes nut

4 Locking Positions
316 Stainless

Seals (orange)

17091 - 1½" Butterfly valve seal
17092 - 2" Butterfly valve seal
17090 - 2½" Butterfly valve seal
17093 - 3" Butterfly valve seal

Other sizes by Special Order

Replacement Parts for 4 Locking Valves

17085 - Knob only
17086 - Set screw for 4 place locking butterfly valve
17087 - Handle w/locking Assembly for 1" to 3"
17088 - Handle w/locking Assembly for 4"

Backflush Valve and Parts

96550 - Backflush valve, 7/16" - 20" thread on teflon block and cylinder
96530 - Teflon block
96536 - Spring
96538 - Pin
96548 - Cylinder

Water Valves for Pipeline Washers

22029 - 110 volt blue water valve, ***complete assembly***
22028 - 220 volt blue water valve, ***complete assembly***
20990 - 110 volt coils only for Blue Water Valve
20989 - 220 volt coils only for Blue Water Valve
22004 - Repair kit for Blue Water Valve, ***Requires 2 for the double valve assembly***

Electrobrain® Washer Parts

21005 - Jar gasket
21001 - White teflon cam for jar holder
05280 - Retrofit kit ***less*** jars (#7750-0033-502)
05281 - Retrofit kit ***with*** jars (#7750-0033-503)
05285 - Plastic jar for Electrobrain® (#7750-0014-095)

HOLDREN BROTHERS

Model 3 Tank Washer

80001600NP
- Model 3 Tank Washer

Model 12 Pipeline Washer

80001660NP
- Model 12 Pipeline Washer

FEATURES

- *Wall mounting of control panel keeps components away from the corrosive environment near the wash vat.*
- *The Model 3 & Model 12 is internally fused for added safety.*
- *One piece manifold directs water without problems of leaking hoses.*

80010008NP - 8-Cam Timer Assembly, ***ONLY (No Segments)***
80010012NP - 12-Cam Timer Assembly, ***ONLY (No Segments)***
80010014NP - 14-Cam Timer Assembly, ***ONLY (No Segments)***

70000011NP - Coated Quart Jar
80002080NP - Segment Kit
(12 Each of 4 Colors)

Model 4 Portable Pumping Unit

The Pumping Unit can be installed on any atmospheric or vacuum type bulk tank.

The following items are needed, but are not included with the Pumping Unit and should be ordered separately.

80000164NP - Locking Adapter - 1 1/2”
80000165NP - Locking Adapter - 1 9/16”
80000625NP - Suction Hose Plug
80000186NP - Spray Stick

80001625NP
- Model 4 Portable Pumping Unit

Model 23 Control Panel

80001735NP -
Model 23 Control Panel

The Model 23 Pipeline Washer is designed to automatically clean and sanitize dairy farm pipelines with minimal labor and expense. The 24 hour sanitize timer allows the user to set the time of day the pipeline will be automatically sanitized. The modular unit can be connected to the dairyman’s choice of remote water and chemical systems.

BENEFITS

- *Helps prevent component corrosion.*
- *Protects components from electrical shorts.*
- *Easy to tailor the washing cycles to fit the requirements of the system.*
- *Is not affected by power outages or electronic freeze-ups.*
- *More reliable and lower replacement costs.*
- *Isolates high voltage from control unit.*
- *Easier and faster installation.*
- *Assures proper water level in wash vat regardless of fluctuations in water pressure.*

Jetter Wash System

The jetter wash system has been specifically designed to wash the NuPulse claw. Peek efficiency and total simplicity are key features.

10090NP - 2” Standard Jet Wash System
Includes: Jetter Hose with Adapter and Mounting Kit

Jet Wash Replacement Kit

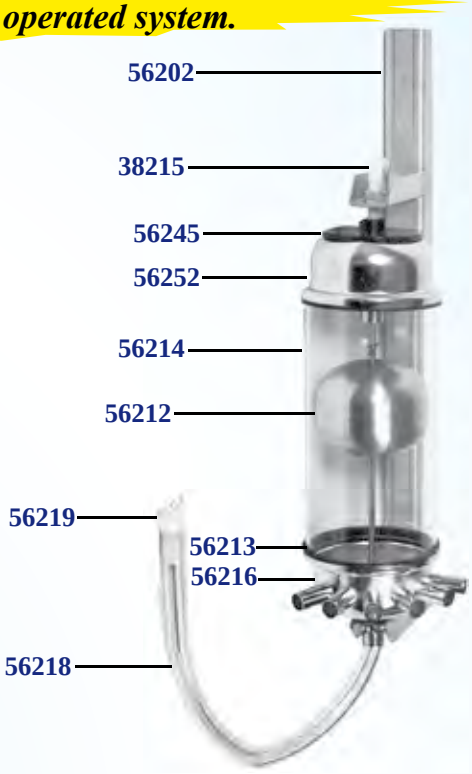
Replacement Kit
Includes:
4-Jets,
4-Jet spacer rings,
4-Jet circlips and 4-O-rings

10084NP - Complete Kit

6 Unit New Style Kleen-Flo® Washer

This unit is shipped fully assembled and ready to hook up.
Designed for cleaning milking clusters on a vacuum operated system.

56200 - Complete 10” claw washer assembly, 6 unit
56201 - Complete 15” claw washer assembly, 6 unit
56202 - Stainless wall bracket for 10” washer
56203 - Stainless wall bracket for 15” washer
56209 - Weight ***(2 required)***
56210 - Clip pin ***(2 required)***
56211 - Rod spring
56212 - Stainless steel float
56213 - Gasket for clear sight tube ***(2 required)***
56214 - Clear sight tube, 10”
56215 - Clear sight tube, 15”
56216 - Bottom dome with 6 - 5/8” ports
56235 - Bottom dome with 6 - 3/4” ports
56240 - Bottom dome with 8 - 5/8” ports
56217 - Bracket gasket ***(under bottom dome)***
56218 - Drain hose
56219 - Check valve assembly for drain hose
56220 - Ball only for drain assembly
56221 - Clip pin for drain assembly
56377 - 5/8” pipeline nipple closure
56259 - Stainless e-clip for washer rod
56245 - Valve guide block without bushing
56252 - New style stainless dome with 23/32” hole
56267 - 15” rod assembly for new style washer, ***with valve head and rod seal***
56269 - 10” rod assembly for new style washer, ***with valve head and rod seal***
56256 - New style valve head
56261 - New style 15” rod, ***ONLY***
56263 - New style 10” rod, ***ONLY***
38215 - Blue elbow, with 3/8 thread
38211 - Rubber seal for releaser rod
56275 - Kit to change 15” **old style** washer to **new style**
56276 - Kit to change 10” **old style** washer to **new style**



Old Style Washer Parts

56204 - Yellow elbow
56205 - Valve guide block
56206 - Top stainless dome
56207 - Rod assembly with rubber seal
56208 - Rubber seal for rod assembly
56230 - Valve head for Guide Rod
56231 - 15” Guide rod
56232 - 10” Guide rod

WF Claw Washer Parts

05526 - Black Diaphragm, ***for claw washer (0004-2402-870 WF/S)***
05527 - White Diaphragm, ***for claw washer (0004-1651-750 WF/S)***

NuPulse 1 Cow or 2 Goat Unit Claw Washer

10125NP
- Washer for Std Cow Milker

10126NP
- Washer for Goat Milker

Alto Washer Parts

38310 - Gasket for Alto washer
38316 - Small O-ring for rod on Alto Washer
38317 - E-clip for Alto washer
56212 - Stainless Float for Alto washer ***(plastic no longer available)***

Wash Tubs For Claws

(for bucket systems)
56195 - 4 unit claw wash tub
56197 - 5 unit claw wash tub

Dairy Clean CIP Systems

Peristalic Chemical Pumps

79332 - Pro Laundry 3000, 32 oz dispenser
79334 - Roller Assembly for Pro Laundry 3000
79335 - Tubes for Pro Laundry 3000
79340 - 3/8" Tubing for chemical pump (100' roll)
79350 - Dema 50 oz dispenser
79355 - Tubes for Dema 50 oz dispenser

79332

79350

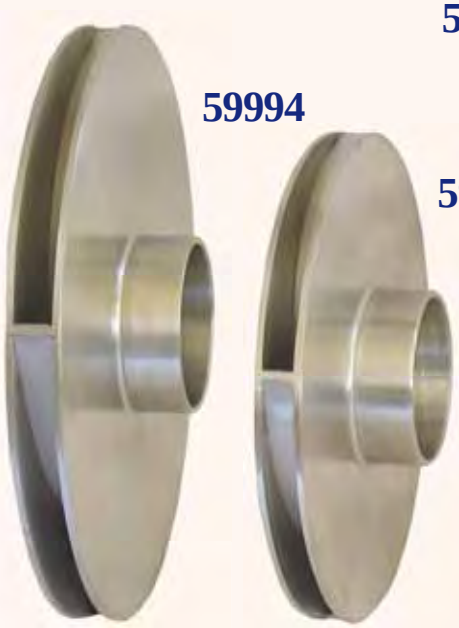
NEW PRODUCTS

Replacement Mueller Parts

59998 - Replacement Mueller Hiperform Board
59990 - ¾ HP stainless Mueller impeller
59994 - 1½ HP stainless Mueller impeller

59994

59990



59998

Air Injectors

Kleen-Flo® High Capacity Air Injectors and Replacement Parts

This Air Injector is designed for both large and small dairies. Comes with 2 end caps drilled out in different sizes to fit your needs. The diaphragm interchanges with the D/L Air Injector.

78775 - Complete Kleen-Flo® 110 Volt Air Injector Package
Includes: control box and a 2" stainless remote valve

78766 - Complete Kleen-Flo® 110 Volt Air Injector Package
Includes: control box and a 1½" stainless remote valve

78776 - Dual Air Injector Package *Includes: 2 - 2" stainless remote valves*

78785 - Vacuum piloted remote air injector valve, 2"

78782 - Vacuum piloted remote air injector valve, 1½"

78778 - 110 Volt air injector control box *with #78820 board*

78410 - 110 Volt Mac valve solenoid for Delaval® air injector

78795 - Diaphragm *Includes: Delrin Spool*

78798 - Filter

78812 - End cap with hole

78810 - Delrin spool

78785

78795

12 Volt DC Air Injector - **Same as above but 12 volt DC instead of 110 volts**

78825 - Kleen-Flo air injector control box, *without remote*

78828 - Kleen-Flo air injector control box, *with 2" stainless remote valve*

Replacement Circuit Board for Kleen-Flo® Air Injector

• Specially designed with "Trombone" systems in mind • 120 VAC input and output • ON/OFF Times adjustable from .5 seconds to 31.5 seconds in ½ second increments via on board dip switches

78820 - Replacement board for Kleen-Flo®, Delaval® or Surge® air injectors

E-Zee/NuPulse Air Injectors and Copy Parts

31700NP
- NuPulse Wash Diverter

• Full 2" Flow Through Capacity
• Handles the Output of Almost Any Milk Pump
• Low Maintenance
• Quiet Operation
• Easily adapts to a PVC drain pipe

• Mounts on 2" Tri-clamp
• Quiet Operation
• Precise Air Adjustment
• Easy Timing Adjustment
• Filtered Air
• Simple to Install

31850NP
- NuPulse Whisper Jet Air Injector

D381673NP - Diaphragm, *for Diverter and Air Injector*
D498743NP - 2" Valve Assembly, *for Whisper Jet*
A31837NP - Model 420 120VAC Humphrey Valve

78955 & 78956

• 2" Ferrule for Air Injector
• Cleans Milk Lines Thoroughly
• Simplifies the Washing Setup
• Less Piping from Milk Room to Parlor
• Cleaner Milking Equipment

78945

78955* - Slugger air injector assembly for single 3" line, less air injector
78956* - Slugger air injector assembly for single 4" line, less air injector
**Straight pipe not included - length to be determined at each installation*

78945 - NuPulse Slugger Assembly, *Complete with Whisper Jet Air Injector*

RJB Dippers and Parts

RJB Top & Side Dippers

Offer a unique way to dip teats

RJB Top & Side Dippers will generally reduce the amount of dip you are currently using by 25 to 75%.
(Depending on your present teat dip application method)

These Dippers are made from the latest technology in engineered plastics to give you a durable and quality teat dip cup that will last many seasons.

Top

76556 - Top Dipper, red
76558 - Top Dipper, yellow
76561 - Top Dipper, green
76563 - Top Dipper, blue
76565 - Top Dipper, clear

Side

76545 - Side Dipper, red
76547 - Side Dipper, yellow
76549 - Side Dipper, green
76551 - Side Dipper, blue
76552 - Side Dipper, clear

76603 -Bottle, clear for RJB dip cup

76606 - Clear teat guide
The Splash Guard Teat Guide (the clear ring) keeps the dip from spilling when the cup is rapidly moved from teat to teat.

Top Dipper & Side Dipper Foaming Dip Cups

Using foamed sanitizer on a dairy cow is one way to extend the contact time of the sanitizer on the teat. The unique patented shape of the cup, allows the teat to completely fill the cup, giving complete coverage from the tip to the base of the udder. Only about 4 cc of dip is needed to produce enough foam to cover 4 teats.

76612 - Top Teat Foaming Dipper

76609 - Side Teat Foaming Dipper

Can be used on all RJB Dippers

Powr Dipper PLUS Brush

SAVES 50% to 75%
TEAT DIP WHILE GETTING TOTAL COVERAGE

PowrDipper Plus is a device that can be snapped onto a standard cup, adding an extra ½ inch of depth and more than doubling the capacity of the cup. It is easily added to any RJB dip cup or **PowrDipper** when needed and can be removed to return to normal use. The **PowrDipper Plus** allows herdsmen to dip larger teats without taking extra care to get good coverage. Teat dip coverage of the teats is the same whether using the **PowrDipper Plus** or the standard cup.

76640 - PowrDipper PLUS (for cows with big teats)

76616 - PowrDipper PLUS Brush KIT

76671 - Replacement PLUS Brush, ONLY

76616

RJB Dippers and Parts

Micro-Touch Electric Teat Dip or Spray Pump

76700 - Micro-Touch Electric Pump 110 volt, ***with stainless box***

76705 - Micro-Touch Electric Pump 110 volt, ***ONLY***

76709 - Clear vinyl tubing
100' Roll
(1/4" ID x 3/8" OD)

76718 - Drag hose, crack and scuff
100' Roll
(1/4" ID x 3/8" OD)

PowrDippers ~ PowrSprayers

Sprayers

76724 - ***Top*** load PowrSprayer, ***with 6" wand***
76726 - ***Top*** load PowrSprayer, ***with 10" wand***
76736 - ***Bottom*** load PowrSprayer, ***with 6" wand***
76738 - ***Bottom*** load PowrSprayer, ***with 10" wand***

Dippers

76728 - ***Top*** load PowrDipper, ***with 6" wand***
76730 - ***Top*** load PowrDipper, ***with 10" wand***
76732 - ***Bottom*** load PowrDipper, ***with 6" wand***
76734 - ***Bottom*** load PowrDipper, ***with 10" wand***

Parts

76721 - Coil hose for Top Load gun, with fittings

76721

76740 - 6" wand for PowrSprayer
76741 - 10" wand for PowrDipper
76742 - 10" wand for PowrSprayer
76743 - Sprayer nozzle - standard
76744 - Sprayer nozzle - narrow

Portable PowrDipper

The Portable PowrDipper is the most efficient teat dip tool available today. The portable is worn by the person milking and has the advantage of always being ready to dip the teats just as the milking unit is removed. This helps to build a better teat dipping habit, since the sooner the teat is dipped after removing the milking machine, the better protection is against mastitis. The Portable PowrDipper, like the other PowrDippers, applies teat dip to the entire teat from its tip all the way to the bottom of the udder. It also uses up to 75% less dip and the tank contains enough solution to post dip up to 300 cows. Just a couple of pumps on the squeeze ball, supplies enough pressure to post dip 30 cows. If the person milking needs to momentarily leave the parlor, the dip tank can easily be removed and left in the parlor, without the need to remove the belt.

76650 - Portable PowrDipper, ***with 6" wand***

RJB Refillable Portable PowrSprayer II ~ PowrDipper II

Power up with a blast of compressed air and enough teat dip to effectively dip up to 140 cows with one filling

76661 - Portable PowrSprayer II, ***with 6" wand***
76660 - Portable PowrSprayer II, ***with 10" wand***

76656 - Portable PowrDipper II, ***with 6" wand***
76655 - Portable PowrDipper II, ***with 10" wand***
76664 - Belt and Holster with Towel Dispenser
76659 - 6" wand only for Portable Power Dipper II

Stainless Steel Fittings

Stainless Steel Tubing

54410 - 1½" - 18 gauge, *300' per case*
54412 - 2" - 18 gauge, *300' per case*

54409 - 1" - 16 gauge, *300' per case*
54411 - 1½" - 16 gauge, *300' per case*
54414 - 2" - 16 gauge, *300' per case*
54416 - 2½" - 16 gauge, *300' per case*
54418 - 3" - 16 gauge, *200' per case*
54419 - 4" - 16 gauge, *100' per case*

NOTICE:
PRICES, FOR TUBING ARE PER FOOT, AND SUBJECT TO CHANGE WITHOUT NOTICE

We can drop ship directly from our vendor on full cases.

Cutting and Welding of Stainless Steel Tubing

20281 - Cutting charges for stainless tubing
20282 - Labor charge to weld on ferrules for 1.5, 2, 2.5
20283 - Labor charge to weld on ferrules for 3, & 4"
20285 - Labor charge for inlet welding 9/16, 5/8, 3/4", 7/8"

NOTE: All 1" fittings connect with standard 1½ fittings.

Tri Clamp - 90° Stainless Elbows - Weld On

54600 - 1"
54300 - 1½"
54302 - 2"
54301 - 2½"
54303 - 3"
54304 - 4"

54601 - 1"
54306 - 1½"
54307 - 2"
54308 - 2½"
54309 - 3"
54305 - 4"

Tri Clamp - 45° Stainless Elbows - Weld On

54602 - 1"
54361 - 1½"
54362 - 2"
54363 - 2½"
54360 - 3"
54365 - 4"

54603 - 1"
54371 - 1½"
54372 - 2"
54370 - 2½"
54373 - 3"
54374 - 4"

Tri Clamp - Stainless Tees - Weld On

54609 - 1"
54310 - 1½"
54312 - 2"
54311 - 2½"
54313 - 3"
54314 - 4"

54608 - 1"
54390 - 1½"
54391 - 2"
54392 - 2½"
54393 - 3"
54394 - 4"

Stainless Steel Fittings

Roll On Ferrules

54607 - 1”
54330 - 1½”
54332 - 2”
54331 - 2½”
54333 - 3”
54334 - 4”

Long Weld Ferrules

54605 - 1”
54340 - 1½”
54342 - 2”
54341 - 2½”
54343 - 3”
54344 - 4”

Roll On Ferrules for Surge®

54384 - 1½”
54385 - 2”

Short Weld Ferrules

54604 - 1”
54350 - 1½”
54352 - 2”
54351 - 2½”
54353 - 3”
54354 - 4”

Roll On Ferrules for Glass

54396 - 1½”

54397 - 2”

Weld On Ferrules for Glass

54398 - 1½”

54399 - 2”

Standard - Pipeline Clamps - Heavy Duty

(Also called V-Bend Clamps)

54320 - 1½”
54322 - 2”
54321 - 2½”
54323 - 3”
54324 - 4”

17130 - 1½”
17131 - 2”
17132 - 2½”
17231 - 3”
17232 - 4”

End Caps With Nipple

61056 - 1½” with 5/8” nipple **(3/4” O.D.)**
61057 - 1½” with 3/4” nipple **(7/8” O.D.)**
61058 - 1½” with 7/8” nipple **(1” O.D.)**

61062 - 2” with 5/8” nipple **(3/4” O.D.)**
61063 - 2” with 3/4” nipple **(7/8” O.D.)**
61064 - 2” with 7/8” nipple **(1” O.D.)**

Tri-Clamp End Caps

Stainless

54291 - 1½”
54292 - 2”
54290 - 2½”
54293 - 3”
54294 - 4”

Plastic

78812 - 1½”
78814 - 2”

Weld on Male Thread Ferrules

NEW ITEMS

54531 - 1½”
54532 - 2”
54533 - 3”

Weld on Bevel Seat Ferrules

54541 - 1½”
54542 - 2”
54543 - 3”

Bevel Seats for Hex Nuts

17126 - 1½”
17127 - 2”
17128 - 3”

Hex Nuts

17121 - 1½”
17122 - 2”
17123 - 3”

Stainless Steel Fittings

Stainless 90 degree elbow

NEW PRODUCT

54596 - 5/8" ID Stainless 90 degree elbow, 3/4"OD
54598 - 3/4" ID Stainless 90 degree elbow, 7/8"OD

- Pipeline Gaskets -

Standard Tri-Clamp Gaskets

99185 - 1"
54326 - 1½"
54327 - 2"
54328 - 2½"
54329 - 3"
54325 - 4"

White Teflon Gaskets

54387 - 1½"
54388 - 2"

Silicone Gaskets

54200 - 1½"
54201 - 2"
54202 - 2½"
54203 - 3"
54204 - 4"

Gaskets For Surge® line

54381 - 1½"
54382 - 2"

Gaskets For Glass line

54318 - 1½"
54319 - 2"

Bevel Gaskets

38196 - 1½"
38197 - 2"

Ferruled - Wash Y's - Weld On

54490 - 1½" Wash Y
54491 - 2" Wash Y
54492 - 2½" Wash Y
54493 - 3" Wash Y

54485 - 1½" Wash Y
54486 - 2" Wash Y
54487 - 2½" Wash Y
54488 - 3" Wash Y

Concentric Reducers Ferruled

54610 - 1½" x 1"
54611 - 2" x 1"
54430 - 2" x 1½"
54431 - 2½" x 1½"
54432 - 3" x 1½"
54435 - 2½" x 2"
54436 - 3" x 2"
54440 - 3" x 2½"
54477 - 4" x 2"
54479 - 4" x 3"

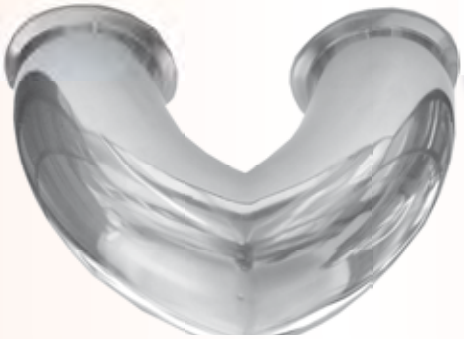
Eccentric Reducers Ferruled

54612 - 1½" x 1"
54613 - 2" x 1"
54460 - 2" x 1 ½"
54461 - 2½" x 1½"
54462 - 3" x 1½"
54465 - 2½" x 2"
54466 - 3" x 2"
54470 - 3" x 2½"

Ferruled - 180° U-Bends - Weld On

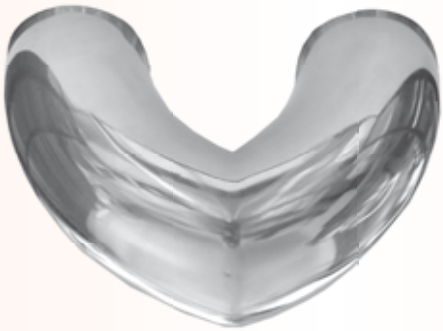
54511 -
1½" clamp on, ***4½" on center***
54512 -
2" clamp on, ***6" on center***
54513 -
2½" clamp on, ***7½" on center***
54514 -
3" clamp on, ***9" on center***
54515 -
4" clamp on, ***12" on center***

54521 -
1½" weld on, ***4½" on center***
54522 -
2" weld on, ***6" on center***
54523 -
2½" weld on, ***7½" on center***
54524 -
3" weld on, ***9" on center***
54525 -
4" weld on, ***12" on center***



Mitered Bend Ferruled

54572 -
2½" clamp on, ***6" on center***
54574 -
3" clamp on, ***6" on center***
54576 -
4" clamp on, ***6" on center***
54577 -
4" clamp on, ***9" on center***



Mitered Bend Weld On

54582 -
2½" weld on, ***6" on center***
54584 -
3" weld on, ***6" on center***
54586 -
4" weld on, ***6" on center***
54587 -
4" weld on, ***9" on center***

Milk Inlets

Custom Sizes Available

9/16" I.D. (11/16" O.D.)

56291 - 1½" x 9/16" clamp on inlet
56292 - 2" x 9/16" clamp on inlet
56293 - 3" x 9/16" clamp on inlet
56307 - 9/16" inlet only

5/8" I.D. (3/4" O.D.)

56310 - 1½" x 5/8" clamp on inlet
56311 - 2" x 5/8" clamp on inlet
56312 - 3" x 5/8" clamp on inlet
56305 - 5/8" inlet only

3/4" I.D. (7/8" O.D.)

56313 - 3" x 3/4" clamp on inlet
56314 - 4" x 3/4" clamp on inlet
56306 - 3/4" inlet only

1/8" I.D. (1" O.D.)

56295 - 3" x 1" clamp on inlet
56296 - 4" x 1" clamp on inlet
56308 - 1" inlet only

5/8" I.D. (3/4" O.D.) Inlets with 90 degree bend

Standard Milk Inlet

56340 - 1½" x 90 standard milk inlet
56341 - 2" x 90 standard milk inlet
56342 - 3" x 90 standard milk inlet
56343 - 4" x 90 standard milk inlet
56344 - 90 standard milk inlet nipple only

Parallel Milk Inlet

56335 - 1½" x 90 parallel milk inlet
56336 - 2" x 90 parallel milk inlet
56337 - 3" x 90 parallel milk inlet
56338 - 4" x 90 parallel milk inlet
56339 - 90 parallel milk inlet nipple only

Blank Inlet Covers

56346 - 1½" inlet cover with pad and clamp
56347 - 2" inlet cover with pad and clamp
56348 - 3" inlet cover with pad and clamp
56349 - 4" inlet cover with pad and clamp

Gaskets for 2" to 4" Pipe

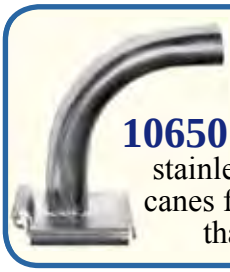
56303 - Gasket for 9/16" inlet *(1 3/8" x 1 3/8" with 9/16" hole)*
56301 - Gasket for 5/8" inlet *(1 3/8" x 1 3/8" with 5/8" hole)*
56302 - Gasket for 3/4" inlet *(1 3/8" x 1 3/8" with 3/4" hole)*
56304 - Gasket for 1" inlet *(1 3/8" x 1 3/8" with 1" hole)*

Gasket for 1 1/2" Pipe

56333 - Gasket for 5/8" inlet *(1½" x 1 1/8" with 5/8" hole)*

Clamps

56315 - 1½" Clamp only
56316 - 2" Clamp only
56317 - 3" Clamp only
56318 - 4" Clamp only



10650 - Replacement stainless 5/8" milk canes for Vac-Saver that fit UN

56395
- Replacement closure for Stainless DL manifold

Nipple Closures

56375
- Brown Pipeline Nipple Closures for 5/8" I.D. *(3/4" O.D.)*

56377
- Black Pipeline Nipple Closure for 5/8" I.D. *(3/4" O.D.)*

56379
- Brown Pipeline Nipple Closure for 3/4" I.D. *(7/8" O.D.)*

BLUE MILK VALVES

The best quality of all the aftermarket milk valves.

56421 - 1½” Blue plastic milk valve
56422 - 2” Blue plastic milk valve
56423 - 2½” Blue plastic milk valve
56424 - 3” Blue plastic milk valve

56325 - Grey gaskets for top of Blue milk valve
56327 - Flat gaskets for bottom of Blue milk valve

REPLACEMENT STAINLESS LIGHT DUTY MILK VALVES

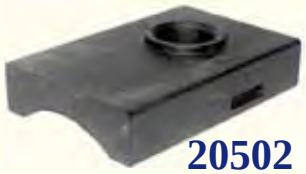
56328 - 2” milk valves - light duty - ***not recommended***
56329 - 3” milk valves - light duty - ***not recommended***
56332 - Top seal that fits stainless milk valve
56333 - Bottom seal that fits stainless milk valve ***(1 1/8” x 1 1/8” with 3/4” hole)***

56320
- 5/8” Standard gooseneck for Blue milk valve

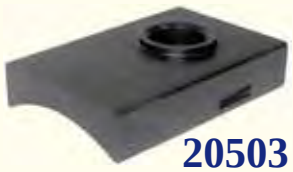
56319
- 5/8” Reversed gooseneck for Blue milk valve

REPLACEMENT MILK VALVE PADS AND MILK CANES FOR SURGE®

20502 - Milk valve pad 2” x 5/8”
20503 - Milk valve pad 3” x 5/8”
20500 - Milk valve pad 2” x 9/16”
20504 - Milk valve pad 1½” x 9/16”
05265 - ORIGINAL pad 1½” x 5/8” ***(7750-0234-034 WF/S)***
20508 - E-clip that fits Surge® milk valve ***(per bag of 10)***
20512 - Button spring for Surge milk valve



20502



20503

17182 - 9/16” x 90° Stainless milk cane
17184 - 9/16” x 45° Stainless milk cane
17186 - 5/8” x 90° Stainless milk cane
17189 - 5/8” x 45° Stainless milk cane

17189

17186

REPLACEMENT INLETS, MILK CANES AND PARTS FOR DELAVAL®

20884 - Milk inlet for 1½” pipe, 5/8”
20885 - Milk inlet for 2” pipe, 5/8”
20894 - Milk inlet for 1½” pipe, 9/16”
20895 - Milk inlet for 2” pipe, 9/16”

NEW IMPROVED DESIGN

Gaskets on page 68

20879 - 9/16” x 135° plastic cane for DL inlet
20875 - 5/8” x 135° plastic cane for DL inlet
20878 - 9/16” x 90° plastic cane for DL inlet
20874 - 5/8” x 90° plastic cane for DL inlet

03199 - 2” x 5/8”, stainless inlet, top entry, ***(830586280 DeLaval®)***
20880 - O-ring for 9/16” DeLaval® milk inlet
20882 - O-ring for 5/8” DeLaval® milk inlet

Chore Boy Parts

Look-In Claw Parts

18072 - Look in claw body gasket
18073 - Look in claw inner air chamber gasket
18076 - New style air chamber gasket for top
20619 - Center o-ring for look in claw
61320 - Look in claw body
61324 - Thumb nut, auto take off
61325 - Look in claw nut
61326 - Look in claw retainer washer
61479 - Black alternating air manifold
61702 - Claw body cylinder

Pulse-Pro Pulsator Parts

18067 - Quad X ring (stem seal)
21170 - Pulsator electric coil
21173 - Coil to plate gasket
61506 - Filter cover plate
61512 - Black pulsator body
61526 - Black pulsator lid assembly
61557 - Valve seat and sub plate assembly
16106 - Pulse Pro gasket
21211 - GTA filter
21214 - Pulsator body contact pins
21168 - Armature end cap
21169 - Armature end plug

Inflations & Air Tubes

12051 - set of 4 Kleen-Flo® Inflations
12057 - set of 4 Kleen-Flo® Inflations
12058 - set of 4 Maxi Flo Inflations
25154 - 1/4" x 7 1/2" Air Tube

Milk Pump Parts

14775 - Seal assembly for Kleen-Flo® 2 HP pump with gasket
14800 - 2 HP Kleen-Flo® impeller clip
14102 - 2 HP Kleen-Flo®F pump head gasket
14106 - Knob for Kleen-Flo® 2 HP pump
14756 - Ceramic and rubber seal
14758 - Cotter pin for 1 HP Anderson pump
14767 - New style Anderson backplate
14766 - New style body gasket for 14767
14769 - 4 blade milk pump impeller
14770 - Rotating head assembly
14810 - 1 HP Kleen-Flo® seal assembly ***(no gasket)***
14768 - Repair kit for new style Anderson pump

Quadra-Flo Claw Parts

16107 - CT40 Cross rib gasket
18076 - New style claw air chamber gasket
61467 - Hose adaptor, vented
61478 - Black alternating air manifold for Quadra Flo claw

GTA Pulsator Parts

14030 - 60 RPM GTA Motor
16106 - Puls Pro gasket for valve plate
18067 - Quad X ring
21211 - GTA filter
21214 - Pulsator body contact pins
61501 - GTA Pulsator body with plate
61504 - GTA slide valve
61505 - GTA valve plate
61506 - Filter cover plate
61509 - GTA body terminal

Stallcock Parts

61520 - GTA stallcock, thread on style
61499 - GTA stallcock with base and clamps
21206 - Platform base with o-ring
18067 - Quad X ring
18068 - O-ring for stallcock base
21198 - Stallcock cap
61503 - Stallcock body
61508 - Stallcock contact

Dump Chamber Parts

16513 - Lexan Dump chamber gasket
18026 - Dump chamber inlet valve
21196 - Lexan dump chamber

Misc. Chore Boy Parts

16500 - R 200 2-2 V gasket for 4 9/16" disc filter
18011 - CP58 plain hose plugs non-vented
18046 - 7/8" ID, 11/16" grommet
18047 - Flap valve grommet
18055 - S/L claw rubber cap
18056 - 1" drain rubber flap valve
20545 - Master control box timer
20547 - Master control box knob
20992 - Hot water valve
22003 - S-51 valve (120 vac. coil)
22004 - Repair kit for blue water valve
58605 - White rippled trap body assembly
59206 - Wash restrictor plug
59929 - 16" probe rod with junction box
61554 - Multi tap control box AC output
61594 - Multi Tap control box DC output

Misc. Items

Poly Clamps and Mounting Rails for Hanging Pipe

Poly Clamp For Stainless Pipe

54649 - 2½”
54650 - 1½”
54651 - 2”
54652 - 3”
54653 - 4”

Poly Clamp For PVC Pipe

54654 - 2”
54655 - 3”
54656 - 4”
54657 - 1½”

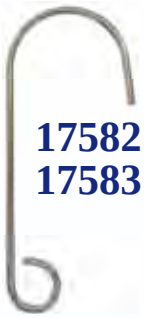
Clamp Mounting Rail

54659 - 16”
54660 - 24”
54661 - 48”

17580
- Alternating hose clip for 5/8”

17578
- Alternating hose clip for 3/4”

17586 - Tension hanger For up to 2” line



17582 - Hose hook with single loop 2”
17583 - Hose hook with single loop 3”

17590 - 4’ Bungee cord, ***with clips and 3” hook***
17589 - 4’ Bungee cord, ***with clips and 2” hook***
17595 - 48” Bungee cord ***without hook***
17593 - Clip, ***ONLY***
17598 - Bungee cord, ***ONLY (per foot)***

10000
- Stainless pipeline carrying hangers with handles

Hose Routing Ports

Custom Sizes Available

- A sanitary method for coupling hoses in subway mounted equipment
- Waterproof connection
- Designed for a standard 3” tri-clover fitting

61080 - 4 nipple subway cap with 4” tubes
Includes: 2- 9/32” (3/8” OD) tubes, 2 - 5/8” (¾” OD) tubes

61081 - 4 nipple subway cap with 4” tubes
Includes: 2- 9/32” (3/8” OD) tubes, 1 - 5/8” (¾” OD) tube, 1 - 3/4” (7/8” OD) tube

61090 - 4 nipple subway cap with 24” tubes
Includes: 2- 9/32” (3/8” OD) tubes, 2 - 5/8” (¾” OD) tubes

61091 - 4 nipple subway cap with 24” tubes
Includes: 2- 9/32” (3/8” OD) tubes, 1 - 5/8” (¾” OD) tube, 1 - 3/4” (7/8” OD) tube

Pipeline Brackets

61299 - Blue L Bracket, ***with clamp kit (6” x 9”)***
61310 - Blue L Bracket Only, ***no clamps***

61296 - Blue Extended L bracket, ***with clamp kit (6” x 11”)***
61295 - Blue Extended L Bracket Only, ***no clamps***

61301 - Blue Extended U bracket , ***with clamp kit (6” x 5½ x 9”)***
61313 - Blue Extended U bracket only ***(no clamps)***

61305 - Blue U Bracket, ***with clamp kit (6” x 5½ x 6”)***
61316 - Blue U bracket only ***(no clamps)***

Pipeline Bracket Parts

61317 - Stainless clip, ***ONLY***
61318 - Small S/S clamp
61319 - Large S/S clamp

Kleen Flo Pasteurizer

All stainless steel to protect your milk quality and flavor. Heavy duty two-gallon capacity milk pasteurizer uses the same principles of pressurized heating and vacuum-sealed cooling found in the best commercial pasteurizers.

Thermostatic control ensures preservation of natural flavor while eliminating all harmful bacteria. The milk is heated in the inner milk container in a hot water bath to a preset temperature of approximately 158° at which time a buzzer sounds. Hot water is drained off and cold water is circulated to cool the milk.

Pasteurizer includes inner and outer stainless steel buckets, lid, gasket, hoses and instructions. Ship Wt. 12 lbs.

Adjustable Theromostat

30500 - 2 Gallon Kleen Flo Pasteurizer 110 volt
30520 - 2 Gallon Kleen Flo Pasteurizer 220 volt

NEW PRODUCT

Stainless Milk Jug Filler

54715 - 1½" Milk jug filler
54720 - 2" Milk jug filler

The Bull Scoop

56190 - 14 x 30 (Length 48.5" Weight 5.625 lbs.)
56191 - 14 x 36 (Length 52.5" Weight 5.75 lbs.)
56192 - 14 x 40 (Length 56.5" Weight 5.87 lbs.)

The Bully Scoop

56186 - 14 x 30 (Length 48.5" Weight 4.14 lbs.)
56187 - 14 x 36 (Length 52.5" Weight 5.01 lbs.)
56188 - 14 x 40 (Length 56.5" Weight 5.05 lbs.)

NEW ITEM

56180 - Amish Manure Fork

NEW ITEM

BOGS® Boots

All of our boots are 100% waterproof and warm down to sub-zero temperatures. All of them have non-slip soles for dependable traction. And all of the shoes are built with breathability in mind so you can even slip them on for a springtime stroll without worrying about breaking a sweat.

61880 - Men's Tradesman, size 8
61881 - Men's Tradesman, size 9
61882 - Men's Tradesman, size 10
61883 - Men's Tradesman, size 11
61884 - Men's Tradesman, size 12
61885 - Men's Tradesman, size 13

61859 - Rancher, size 8
61860 - Rancher, size 9
61861 - Rancher, size 10
61862 - Rancher, size 11
61863 - Rancher, size 12
61864 - Rancher, size 13

61870 - Blaze, size 8
61871 - Blaze, size 9
61872 - Blaze, size 10
61873 - Blaze, size 11
61874 - Blaze, size 12
61875 - Blaze, size 13

THE TRADESMAN BOOT IS ACID RESISTANT

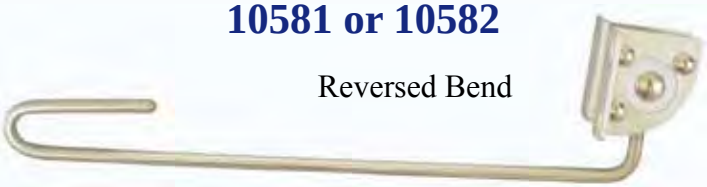
Hose Supports

10552 or 10554

Standard Bend

10581 or 10582

Reversed Bend



Custom Designed
Lengths and Styles are Available
Call for Pricing

10586

Standard Double Bend

10588

Reversed Double Bend

1½" I.D. - 1¾" O.D. or 2" I.D. - 2½" O.D. Hose Supports

The 1½" U-bolts will fit up to a 1¾" O.D pipe and the 2" U-bolts will fit up to a 2½" O.D. pipe.

ALL STAINLESS

10552 - Hose support, with stainless ball, 21" arm, Standard Bend
10554 - Hose support, with stainless ball, 24" arm, Standard Bend
10581 - Hose support, with stainless ball, 21" arm, Reversed Bend
10582 - Hose support, with stainless ball, 24" arm, Reversed Bend
10586 - Hose support, with stainless ball, 21" arm, with Standard Double Bend
10588 - Hose support, with stainless ball, 21" arm, with Reversed Double Bend

All Hose Supports are individually boxed with:
2 - 1½" U-bolts
2 - 2" U-bolts

We have mounting brackets available to adapt to square tubing. Please specify if you are mounting to square tubing instead of pipe, so we can replace the **u-bolts with our specially designed flat brackets.**

Parts

10553 - White plastic sleeve, for hose supports
10551 - U-bolt for 1½" hose support, with nuts and washers
10549 - U-bolt for 2" hose support, with nuts and washers
10595 - Set of 2 brackets to mount the stainless ball hose support arms to square tubing
10546 - Right hand bracket only
10547 - Left hand bracket only
10589 - Stainless ball only for hose support, ***(replaces blue plastic ball)***

10553

Rod and Ball ONLY, no other parts are included

10567 - Hose support arm with 21" standard bend
10568 - Hose support arm with 24" standard bend
10569 - Hose support arm with 21" reversed bend
10570 - Hose support arm with 24" reversed bend
10573 - Hose support arm with 21" standard double bend
10574 - Hose support arm with 21" reversed double bend

New Waikato® Milk Meters

84265 - 65 lb Waikato® meter, with V block, ***lbs and kilos***

84266 - 65 lb Waikato® meter, with stainless portable hanger, ***lbs and kilos***

84292 - 92 lb Waikato® meter, with V block, ***lbs only***

84293 - 92 lb Waikato® meter, with stainless portable hanger, ***lbs only***

84296 - 42KG (92 lb) Waikato® meter, with V block, ***42 kilos only***

84297 - 42KG (92 lb) Waikato® meter, with portable stainless hanger, ***42 kilos only***

84225 - Waikato® Goat Milk Meter, with V-block, ***kilos only*** ***(drop shipped only)***

84267
- Hangers to make Waikato® meters portable

84269
- Complete V-Block assembly

84231 - U-bolt kit,Only

84261 - **5 piece replacement repair kit for meter, copy (Includes B, H, Q, P and Z)**

84263 - **6 piece replacement repair kit for meter, copy (Includes B, H, N, Q, P and Z)**

84250 - **Cover for Waikato® meter.....A**

84275 - **Gasket for dome, copy.....B**

84251 - **Cover clip for Waikato® meter.....C**

84257 - **Flask depressor for Waikato® meter.....G**

84278 - **Valve housing /Flask Seal.....H**

84264 - **Flask for 65 lb/30 KG meter.....L^2**

84298 - **Flask for 42 KG meter.....L^3**

84294 - **Flask for 92 lb meter.....L^{3A}**

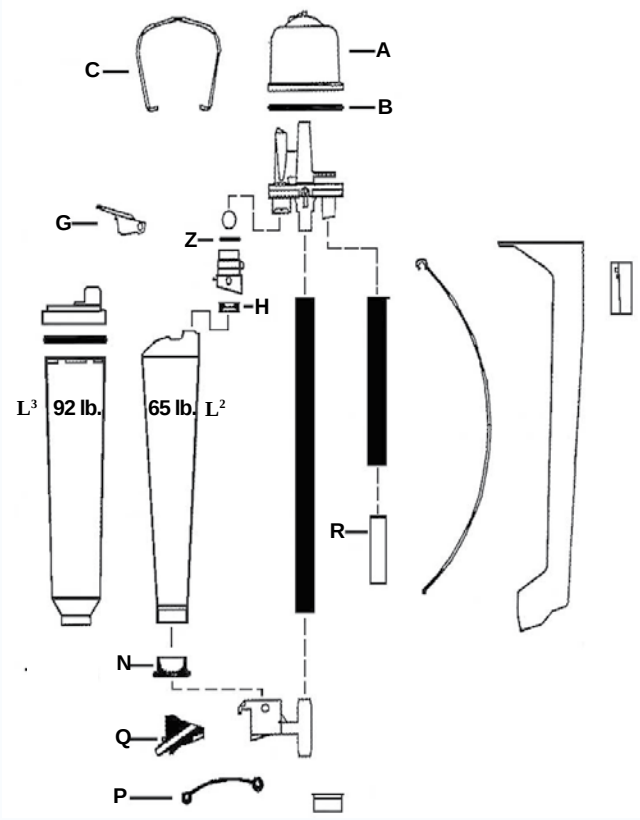
84270 - **Bung (open flask), copy.....N**

84259 - **Tap strap only, copy.....P**

84260 - **3 way tap with strap, copy.....Q**

99890 - **2 ½" x 5/8" stainless tube, copy.....R**

84273 - **Flask depressor o-ring, copy.....Z**



Stainless Steel Buckets

65 Pound

30165 - Short handle
30166 - Long handle
13½"W x 18½"H

75 Pound

30175 - Short handle
30176 - Long handle
13½"W x 20"H

55 Pound

30155 - Short handle
30156 - Long handle
12¾"W x 18½"H

30180 - Short handle
30181 - Long handle
14¼"W x 19½"H

80 Pound

- 304 stainless steel buckets
- Please specify, via part number, if you need a short or long handle when ordering.
- See pages 74 & 75 for lids.

35 Pound

30135 - Short handle
30136 - Long handle
11½"W X 13¾"H

90 Pound

30190 - Short handle
30191 - Long handle
14¼"W x 20½"H

Miscellaneous Bucket Parts

30151 - Short handle only *for regular stainless bucket - 8"*
30152 - Long handle only *for regular stainless bucket - 9"*
30154 - Trimming charge to make bucket fit WF lid
30157 - Bucket tilt handle for bottom rim
30159 - Stainless hanger to hang up bucket
30158 - Ear bracket, *for milk bucket handle (weld on)*

30159

Stainless Steel Milk Carrying Cans

WITH LID

30120 - 2 quart
30122 - 5 quart
30125 - 10 quart

Heavy Duty Stainless Buckets and Handles

40155 - 55 lb with short handle
40156 - 55 lb with long handle
40165 - 65 lb with short handle
40166 - 65 lb with long handle
40175 - 75 lb with short handle
40176 - 75 lb with long handle
40180 - 80 lb with short handle
40181 - 80 lb with long handle
40182 - Short handle
40183 - Long handle

68lb Plastic Buckets and Handles

No Warranty On Plastic Buckets

30300 - Bucket *with short handle*
30304 - Bucket *with long handle*

Handles Only

30301 - Short handle
30302 - Long handle

Stainless Steel Milk Cans

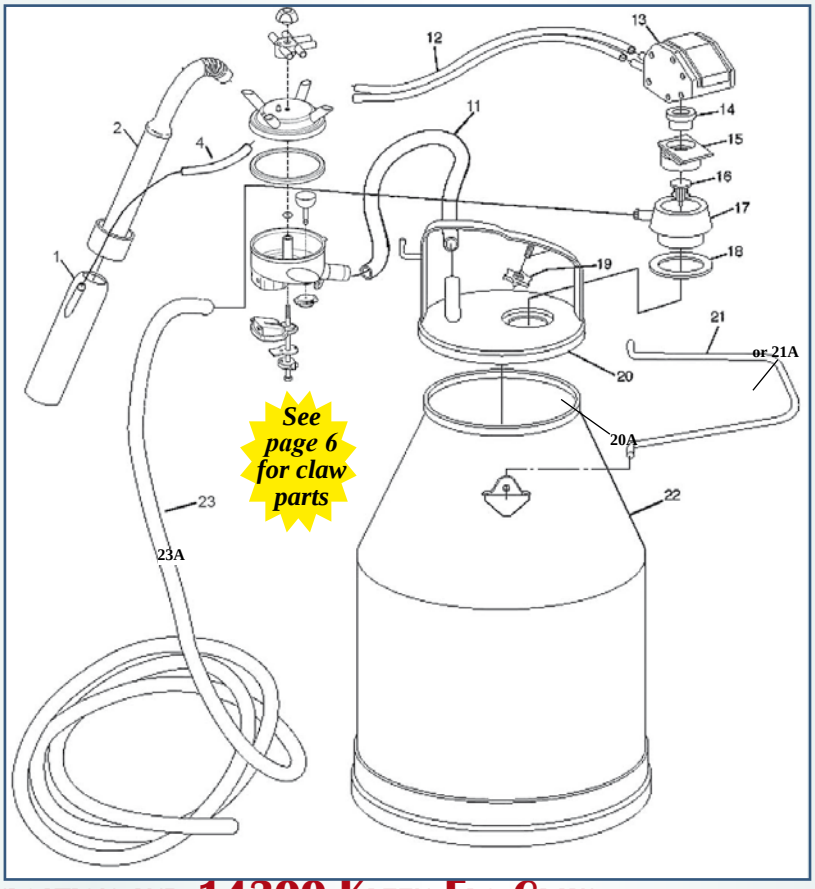
These cans are made of 18 gauge stainless and are for holding milk only and are not designed to have vacuum applied. Lid and gasket are included. Lids have a silicone seal. The lid attaches using 2 "snap down" latches directly across from each other. These milk cans are not stackable.

30194 - 70 lb can with cover, *19½" x 13"*
30192 - 90 lb can with cover, *24" x 13"*
30197 - 100 lb can with cover, *25" x 14"*
30195 - Silicone gasket for milk can lid

Buckets ~ Lids ~ Parts

See page 21 for pulsator parts

Bucket units come with a 14300 Style Claw. If you need the 10867 claw you will need to order part 30075 in addition to the unit you are ordering. There is no additional charge.



Complete Bucket Units with D#95 Pulsation and 14300 Kleen Flo Claw

30005 - 35 lb S/S Bucket
30010 - 55 lb S/S Bucket
30015 - 65 lb S/S Bucket
30020 - 75 lb S/S Bucket
30025 - 80 lb S/S Bucket
30030 - 90 lb S/S Bucket
30045 - 68 lb Plastic Bucket
30002 - Complete unit LESS bucket

See page 86 & 87 for portable vacuum pumps

Complete Bucket Units with other Pulsation and 14300 Kleen Flo Claw

30100 - 80 lb S/S Bucket with HP102 pulsator
30110 - 80 lb S/S Bucket with Vacupuls pulsator

1	10010	Rolled edge shell
2	25003	KF-01 inflation
4	25150	9” air tube
5	14300	New style claw with valve
		(see page 6 for claw parts)
11	25145	32” x 5/8” clear milk hose
12	25143	37” x 9/32” twin rubber hose
13	20360	D#95 pulsator assembly
		(see page 21 for pulsator parts)
14-18	23031	Complete adaptor for D#95
14	23029	Chamber seal
15	23040	Chamber slide
16	23027	Check valve for chamber
17	23056	Chamber housing
18	23028	Chamber gasket
19	33004	Plastic lid nut
19	33002	Stainless lid nut
20	33000	Stainless lid
20A	25195	Lid gasket
21	30151	Stainless handle, short
21A	30152	Stainless handle, long
22	30165	65 lb bucket
23	25141	6’ x ½” rubber vacuum hose
23A	25140	12’ x ½” clear vacuum hose

Replacement Bucket Lids For Vacuum Pulsators

For Short Handle DeLaval® Style Buckets

33000 - DeLaval® style lid for HP® Pulsators, 5/8" I.D.
33095 - Bucket lid for goat unit, double hooks, 5/8" inlets
33034 - DeLaval® style lid for HP® Pulsators, 3/4" I.D.
33500 - Stainless lid and D#95 Pulsator combination
25195 - Lid gasket
33004 - Plastic lid nut
33002 - Stainless lid nut

34310 - 5/8" stainless trap lid, with checkball, 90°
34300 - 5/8" stainless trap lid, less checkball, 90°
34325 - 3/4" stainless trap lid with checkball, 90°
34320 - 3/4" stainless trap lid less checkball, 90°

34000 - 5/8" stainless trap lid, less checkball
34100 - 5/8" stainless trap lid, with checkball

90°

25195 - Lid gasket
10130 - Cage assembly for trap lids - larger style
10132 - Ball for cage assembly for trap lid

For Longer Handle DeLaval® and Westfalia® Style Buckets

33050 - High handle lid for HP pulsator
33075 - Westfalia® style lid complete, 5/8" I.D.
33076 - Bucket lid for Westfalia® pulsator ***less parts***, 5/8" I.D.
33080 - Westfalia® style lid complete, 3/4" I.D.
33081 - Bucket lid for WF pulsator ***less parts***, 3/4" I.D.
17519 - Grey vacuum Y for lid
25188 - 5" Y hoses
17533 - Replacement plug for WF style lid
17526 - Rubber lid o-ring
17531 - Ball for lid
17527 - Plastic lid base
17529 - Threaded stainless pulsator base for WF bucket lid, ***(weld on replacement)***
17528 - Screw for lid base
25195 - Lid gasket

For Longer Handle Buckets

34010 - Stainless trap lid w/o checkball
34011 - Stainless trap lid with checkball
34013 - Cage only for ball - smaller style
35212 - Checkball only
34016 - Checkball and cage assembly
25195 - Lid gasket

5 NOTCH HANDLE DESIGN WITH 45° MILK INLET ELBOWS

Replacement Lids For Trap Buckets

35200 - Clear plastic trap lids, ***6¾ ID x 8½ OD with gasket***
35201 - Clear plastic trap lids, ***with checkball***
35205 - Lid only, ***less gasket***
35210 - Checkball, ***with cage and screw***
35212 - Checkball ***ONLY,***, 5/8”
35213 - Cage, ***ONLY,***
35005 - Gasket for clear plastic lid

35210

35175 - Blue plastic trap lid
35177 - Gasket ***ONLY, for Blue lid***

Replacement Adaptors That Fit DeLaval® HP® 100 or 102 Pulsators

23025 - Complete chamber for HP® to DeLaval® lid, ***with check valve***
23030 - Chamber ***only*** for HP® to DeLaval® lid
23028 - Chamber gasket ***for 23030 adaptor***
23023 - Check valve

33040 - Blank lid, ***for short bucket handle***

Lid Gaskets

25195 - Lid Gasket, ***for new style Delaval® (#1053)***
(Fits all E-Zee lids and most of Schlueter and Coburn’s)
25196 - Lid Gasket, ***for old style Delaval® (#1041)***
25197 - Lid Gasket, ***for Westfalia® (#1051)***
25198 - Lid Gasket, ***for BouMatic®, thick style (#1050 or #5225)***
25199 - Lid Gasket, ***for Surge® (#1047)***
38170 - Thick lid gasket, ***for DV300 lid***

New Bucket Replacement Lid Parts

33002 - Stainless nuts for DeLaval® Hydropuls® lids
33003 - Stainless lid nut, WITH extension for higher lids for OHTA pulsator
33004 - Plastic nuts for DeLaval® Hydropuls® lids
33008 - Lid spacers (turns a HP® lid into a fresh Cow lid)
33007 - Lid spacers (requires an HP® style chamber)
33009 - Lid adaptor with trap ball
33012 - Shutoff valves for pail lids
33013 - Short bucket handles for old style DeLaval® buckets
33014 - Long bucket handles for old style DeLaval® buckets
33017 - Deflectors for magnetic lids

This Stainless Trap Lid has a self locking rubber gasket. It is designed for the E-Zee buckets shown on page 76 and will not fit in DeLaval®, BouMatic®, Westfalia®, or plastic buckets, as the ID measurements of the bucket must accommodate the self locking rubber gasket. Not available with checkball.

34200 - Stainless self locking trap lid with gasket
34202 - Gasket only for 34200 lid

Goat Milking Parlors

* Galvanized (no rusting) * Sturdy Built
* Easy Flow Through For Goats * Sequencing Gates * Rapid Exit

Trail Style #1 Goat Parlor

63408 - **Complete 8 unit goat parlor**
63370 - 8 unit head lock with end gates
63371 - 8 unit stand only, with legs

63410 - **Complete 10 unit goat parlor**
63375 - 10 unit head lock with end gates
63376 - 10 unit stand only, with legs

63412 - **Complete 12 unit goat parlor**
63380 - 12 unit head lock with end gates
63381 - 12 unit stand only, with legs

63414 - **Complete 14 unit goat parlor**
63382 - 14 unit head lock with end gates
63383 - 14 unit stand only, with legs

63390 - Double ramp, ONLY

Trail Style #2 Goat Parlor

63406 - **Complete 6 unit goat parlor**
63350 - 6 unit head lock with gate ends
63355 - 6 unit stand only, with legs
63360 - Single ramp, ONLY

Please call for prices
Custom sizes available

ITP Goat and Sheep Milkers

63104 - Classic milking ***goat*** unit, ***with ITP 207 valves***
63106 - Classic milking ***goat*** unit, ***with ITP 205 valves***
63100 - Classic milking ***sheep*** unit, ***with ITP 207 valves***
63102 - Classic milking ***sheep*** unit, ***with ITP 205 valves***

63160 - Y piece for air tubes
63161 - Y piece for milk, 1/2 to 5/8 milk hose
63162 - Tube assembly holder
63163 - Tubing holder ring ***(Large)***
63164 - Tubing holder ring ***(Small)***
63251 - ITP205 body
63252 - SS valve for ITP205
63253 - Small gasket for ITP204 &205 claw
63254 - Bottom cover for ITP204 & 205 claw
63255 - Large gasket for ITP 204 & 205 claw
63270 - ITP207 automatic shut off valve
63250 - ITP205 automatic shut off valve

63157 - Silicone goat liner
63153 - Clear plastic goat shell
63156 - Silicone sheep liner
63155 - Clear plastic sheep shell
63165 - Air hose
63166 - Milk hose

For Complete ITP Bucket Units see page 82

63110 - Viscount milking units for goats
63112 - Viscount milking units for sheep

63144 - Silicone goat liner with long bend
63148 - Clear plastic shell for 63144 liner
63167 - Air Tube
63149 - Silicone sheep liner with long bend
63151 - Clear plastic shell for 63149 liner

NuPulse Goat Milkers

All replacement parts for the goat claw can be found on page 12 except for the base, middle and inflations.

10101NP - NuPulse Goat Claw

MZ10106NP - NuPulse Goat Claw Base

10152NP - Complete NuPulse bucket unit with 35# S/S bucket "Complete unit ready to milk with bucket, lid, pulsation & rubber parts"

MZ10100NP - NuPulse Goat Claw Middle

MZ10050NP - NuPulse Goat Inflations (set of 4)

Close-up of NuPulse Goat Claw with Unit Kit

Replacement Parts for Goat and Sheep Milkers

Complete ECO Goat Milking Units

Bucket units come complete with Eco Goat Cluster Unit, a D#95 pulsator - 50:50 ratio and 90 ppm.

63501

Also available for sheep milkers.

63496 - 35 lb Stainless bucket unit *with 2 Eco goat clusters*

63498 - 35 lb Stainless bucket unit *with 1 Eco goat cluster*

63501 - 55 lb stainless bucket unit *with 1 Eco goat cluster*

63502 - 55 lb stainless bucket unit *with 2 Eco goat clusters*

63505 - 68 lb plastic bucket unit *with 1 Eco goat cluster*

63506 - 68 lb plastic bucket unit *with 2 Eco goat clusters*

Other Size Buckets Available

These goat cluster units are shipped fully assembled with 2 plastic claws, shells, silicone inflations and tubing.

63540 - Complete Eco goat clusters *(pictured)*

63528 - Silicone inflations, *without milk tube for goats*

63529 - Plastic Shell

63541 - Claw assembly, *vented*

63162 - Tube assembly holder

63534 - Vacuum Y for cluster

25150 - Air tube for cluster

25190 - Milk tube for cluster

63537 - Bumper for claw

63538 - Weight for claw

63540

63544 - Plastic claw body ONLY, *(with lever) less weight and bumper*

63548 - Small green vacuum valve *(9/32" I.D.)*

63549 - Large green vacuum valve *(1/2" I.D.)*
These green valves are not approved for Grade A in most states.

63161 - Y piece, *for milk, 1/2 to 5/8 milk hose*

For Sheep Milking

63000 - Sheep cluster with silicone inflations *(similar to above picture)*

63526 - Silicone inflation, *with tube for sheep cluster*

63025 - Silicone inflation, *without milk tube*

63028 - Plastic shell for silicone inflation, *without milk tube*

Complete Bucket Units are Available

Plastic Eco Bucket and Parts

FDA Approved Material

63488 - 50 lb NEW SIZE

63490 - 65 lb

63491 - Replacement side ear kit

63492 - Replacement base

ITP Complete Goat Milking Units

Bucket units come complete with ITP Goat Cluster Unit, a D#95 pulsator - 50:50 ratio and 90 ppm.

Also available for sheep milkers.

63475

63460 - 35 lb Stainless bucket unit *with 1 ITP goat cluster*

63461 - 35 lb Stainless bucket unit *with 2 ITP goat clusters*

63466 - 55 lb stainless bucket unit *with 1 ITP goat cluster*

63467 - 55 lb stainless bucket unit *with 2 ITP goat clusters*

63470 - 68 lb plastic bucket unit *with 1 ITP goat cluster*

63474 - 65 lb Eco plastic bucket unit *with 1 ITP goat cluster*

63475 - 65 lb Eco plastic bucket unit *with 2 ITP goat clusters*

Replacement Parts for Goat and Sheep Milkers

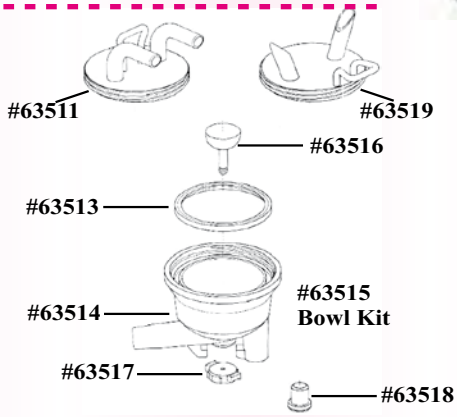
63512 - Complete goat cluster unit.
Includes:63510 claw, 63527 silicone inflations with 90 ° bend, 63529 plastic shells, 2-25150 9" air tubes, and 63534 vacuum Y adaptor

63510 - Flo-Vu® style goat claw with 90 degree inlets

63522 - Complete goat cluster unit
Includes: 63520 claw, 63015 silicone inflations with milk tube, 63010 plastic shell, 2-25151 7.5" air tubes, and 63534 vacuum Y adaptor

63520 - Flo-Vu® style goat claw with straight inlets

63515 - Plastic bowl kit for 63510 f***or 63520 goat claw***
63511 - Stainless claw top only, ***for 63510 goat claw***
63519 - Stainless claw top only, ***for 63520 goat claw***
63513 - Gasket only for 63515 bowl kit
63514 - Plastic bowl only, ***for 63515 bowl kit***
63516 - Shutoff, ***for 63515 bowl kit***
63517 - Shutoff clip, ***for 63515 bowl kit***
63518 - Bumper, ***for 63515 bowl kit***



Goat/Sheep Milker Parts

63010 - Plastic shell for sheep/goat ***(uses 63015 inflation)***
(use 25162 or 27322 jetter cups for washing)
63015 - Inflation for sheep/goat shell, longer style 9½" ***(uses 63010 shell)***
63020 - Inflation for sheep/goat milker, shorter style 8" ***(uses 63010 shell)***
63025 - Silicone inflation without milk tube, ***for sheep***
63028 - Plastic shell for silicone inflation without milk tube, ***for sheep***

Electric Pulsation for Goats

110 volt pulsation plastic enclosed box comes with a 12-unit Kleen Flo circuit board for BouMatic® pulsation. (220 volt units available by special order.) * 18-month limited warranty.

43185 - Pulsator with coil, stanchion barn model, less fresh air, copy

43200 - Kleen Flo B-12 pulsation controller, 22VDC output,

Ratio from 50:50 to 70:30
16 adjustable positions from 60 to 190 PPM

43205 - Kleen Flo B pulsation controller, ***LESS circuit board***

For More Information and for Pulsator Part Numbers See Page 24

Supplements & Pharmaceuticals

NEW PRODUCTS

62650 62009

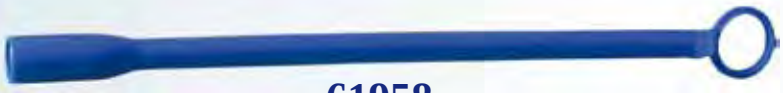
62000 62001 61927

61935 62002 61959

62007

62003

61990



61958

61907

61900

62004

62000 - Goat mineral, 8 lb.
62001 - Goat balancer, 10 lb.
62002 - Safeguard goat dewormer, 125 ml
62003 - Wormer goat care, 10 lb.
62015 - Positive goat wormer, 6 lb.
62007 - Wormer goat care, 3 lb
62008 - Cydectin wormer, pour on, 500 ml
62004 - Goat & sheep selenium vitamin E gel
62005 - Goat milk liquid, 12.5 oz.
62006 - Goat milk esbilac powder, 12 oz.
62650 - Original NJP liniment, 500 ml
62651 - Original NJP liniment, 2.5 litres

62009 - Goat/sheep nutri drench 8 oz.
61990 - Goat Electrolyte, 16 oz. bag
61959 - Calf/goat scour bolus, 25 count
61958 - Calf/goat bolus gun
61927 - Blood stop powder
61935 - Bag Balm
61900 - Ag-Tek latex glove, XL
61901 - Ag-Tek latex glove, MED
61902 - Ag-Tek latex glove, LG
61905 - TrueBlue nitrile powder free glove, MED
61906 - TrueBlue nitrile powder free glove, LG
61907 - TrueBlue nitrile powder free glove, XL

Miscellaneous Goat & Sheep

NEW PRODUCTS

61920 - Castrator rings, green, 100/bag

61921 - Castration ring applicator

61951 - Soda bottle lamb nipple, 12/box

61950 - Pritchard goat nipple

61925 - Goat sheep dehorner

61940 - Clear heat lamp
61941 - Red heat lamp
61942 - Brooder light with clamp

61940

61942

62037

62040

62030

Goat Halters & Leads

62030 - 7” hand loop goat lead, red
62031 - 7” hand loop goat lead, black
62032 - Billy fig 8 halter, black
62033 - Billy fig 8 halter, red
62034 - Nanny fig 8 halter, black
62035 - Nanny fig 8 halter, red
62036 - Kid halter, black
62037 - Kid halter, red
62040 - 10’ Goat neck lead, white

Portable Pumps & Accessories

Deluxe Model

This portable pump is a very heavy duty unit and can be wheeled almost anywhere you need it to go. It comes with a Conde #3 vacuum pump and a 1 HP Farm Duty motor on a cart with 10" air tires, which plugs into a standard 110 VOLT/15 AMP outlet. The balance tank, regulator, vacuum gauge, and other parts are all included. (As shown)

~ UNITS SHIP FULLY ASSEMBLED VIA TRUCK FREIGHT~
Shipping weight: 200 lbs.

70100 - Portable pump unit, **ONLY**
70110 - Portable pump unit, ***with 1 - 30045 plastic bucket unit***
70120 - Portable pump unit, ***with 2 - 30045 plastic bucket units***
70210 - Portable pump unit, ***with 1 - 30015 stainless bucket unit***
70220 - Portable pump unit, ***with 2 - 30015 stainless bucket units***

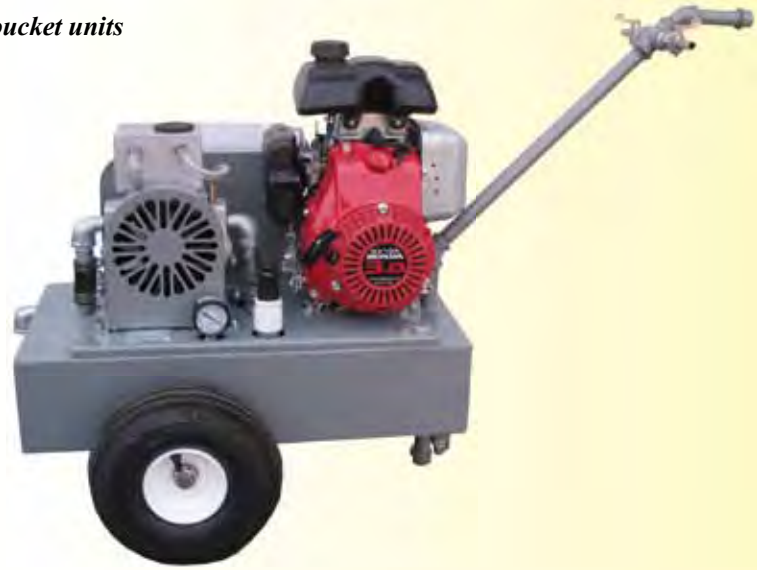
1 YEAR WARRANTY!

All bucket units are sold with a 14300 Kleen-Flo® style claw. If you need the 10867 DL claw you will need to order part 30075 in addition to the unit you are ordering. There is no additional charge.

Gas Engine Model

Conde #3 Vacuum Pump with a 3 HP Honda Engine, Heavy duty cart and 10" Air Tires.

70400 - Portable pump unit, **ONLY**
70410 - Portable pump unit, ***with 1 - 30045 plastic bucket unit***
70415 - Portable pump unit, ***with 2 - 30045 plastic bucket units***
70420 - Portable pump unit, ***with 1 - 30015 stainless bucket unit***
70425 - Portable pump unit, ***with 2 - 30015 stainless bucket units***



Parts for portable pumps

70105 - Conde #3 pump head, ***with oiler***
70106 - Rebuild kit, ***for Conde #3 pump***
70304 - 10" air tire
67124 - Dayton 1 HP 1800 RPM motor
67223 - Vacuum release valve, ***for portable systems***
67224 - Small vacuum gauge, 2"
65069 - A-32 Belt, ***for 70100***

Portable Mini Milkers

This efficient unit was designed by NuPulse and has been sold for years.

1 YEAR WARRANTY!

Key features:

- **Lightweight, unit weighs only 70 lbs**
- **Dry vane pump, completely oilless**
- **110 volt, ready to plug in and go**
- **Can be shipped via UPS or truck freight**

Great pump unit for show cows or small family farm!

We offer this unit with the E-Zee 65# bucket milker OR the NuPulse 65# bucket milker. The ¾ HP pump is mounted on a stainless balance tank. Operates two NuPulse bucket units fine at the same time but we recommend if using E-Zee's bucket unit to run only one at a time. The NuPulse claw and pulsator are built into one unit which requires slightly less vacuum to run than the E-Zee unit. The E-Zee bucket unit has the vacuum pulsator on the lid and the Kleen-Flo® claw.

41000NP - ¾ HP Mini Pump Complete
41010NP - ¼ HP Mini Pump Complete
10197NP - ¾ HP Mini milker pump unit, ***with 1 - 10150NP NuPulse 65# bucket milker***
10179NP - ¾ HP Mini milker pump unit, ***with 2 - 10150NP NuPulse 65# bucket milkers***
10178NP - ¾ HP Mini milker pump unit, ***with 1 - 30015 E-Zee 65# bucket milker***
10181NP - ¾ HP Mini milker pump unit, ***with 2 - 65# S/S NuPulse goat bucket milkers***
10182NP - ¾ HP Mini milker pump unit, ***with with 1 - Plastic NuPulse cow bucket milker***
10182NP - ¾ HP Mini milker pump unit, ***with with 2 - Plastic NuPulse cow bucket milkers***

These units can be shipped via UPS (May require some assembly if pump or carts are sent UPS.)

NEW ITEM

Miscellaneous Vacuum Pumps

Conde #6 can be used with a 2 or 3 HP Motor
Great for a "Build-Your-Own" Vacuum System
(Rated up to 25 CFM)

70090 - Conde #6 pump head, ***wih oiler***

E-Zee Milking Equipment, LLC

IS A DISTRIBUTOR FOR

SUTORBILT Lobe Vacuum Pumps

Featuring* "Oil Splash Lubrication" on BOTH ENDS, *the New Sutorbilt is interchangeable with the Original Sutorbilt® pumps, with respect to the footprint, shaft size, RPM's, port size, and performance.

Replacement Pump Heads

65405 - 3-M Pump Head ONLY, *2" ports*

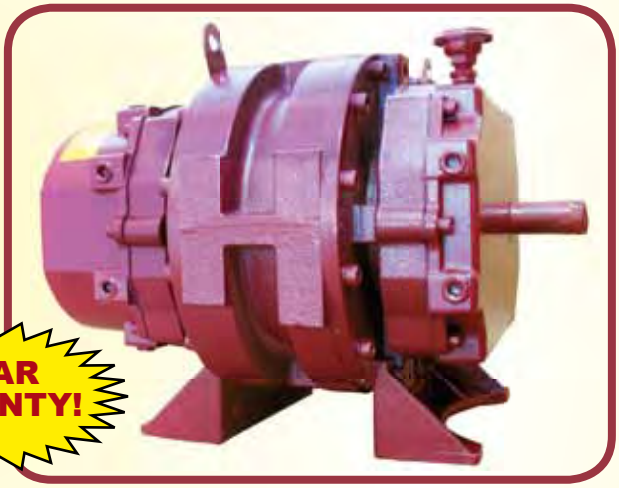
65425 - 4-H Pump Head ONLY, *1½" ports*

65445 - 4-M Pump Head ONLY, *2½" ports*

65465 - 5-H Pump Head ONLY, *2½" ports*

65485 - 5-M Pump Head ONLY, *4" ports*

65492 - 6-M Pump Head ONLY, *5" ports*



Performance and Sizing Chart

Model	HP	RPM	Ports	Shaft	CFM/13"	CFM/14"	CFM/15"	Pump Pulley	Motor Pulley	Belts
3-M	5	2550	2"	3/4"	60	53	42	46-2B = 4.95"	66-2B = 6.95"	B-59
4-H	5	2175	1½"	7/8"	55	46	40	48-2B = 5.15"	60-2B = 6.35"	B-62
4-M	7½	1920	2½"	7/8"	82	73	66	58-2B = 6.15"	64-2B = 6.75"	B-65
4-M	7½H/L	1825	2½"	7/8"	78	70	62	58-2B = 6.15"	62-2B = 6.55"	B-65
4-M	10	2400	2½"	7/8"	102	88	80	58-2B = 6.15"	80-2B = 8.35"	B-67
5-H	7½	1520	2½"	1 1/8"	82	73	65	60-2B = 6.35"	52-2B = 5.55"	B-62
5-H	9	1915	2½"	1 1/8"	102	89	80	60-2B = 6.35"	66-2B = 6.95"	B-65
5-H	10	1975	2½"	1 1/8"	108	95	85	60-2B = 6.35"	70-2B = 7.35"	B-65
5-M	15	1875	4"	1 1/8"	156	142	132	80-3B = 8.35"	86-3B = 8.95"	B-72
5-M	20	2400	4"	1 1/8"	200	190	170	80-3B = 8.35"	110-3B = 11.35"	B-75
6-M	25	1825	5"	1 3/8"	265	250	235	68-4B = 7.15"	70-4B = 7.35"	B-67
6-M	30	2130	5"	1 3/8"	315	300	285	70-4B = 7.25"	86-4B = 8.95"	B-72

NOTE: Actual CFM readings may vary depending on atmospheric conditions, altitude, temperature, etc.

Complete Units Include:
Pump, Stand, Silencer and Drive Kit
Pump Packages are shipped fully assembled.

Horizontal Stands - Complete Unit Less Motor

65410 - 4-H, with 5 HP drive kit for Highline
65420 - 4-H, with 7½ HP drive kit for Highline
65431 - 4-M, with 7½ HP drive kit for Lowline
65430 - 4-M, with 7½ HP drive kit for Highline
65440 - 4-M, with 10 HP drive kit for Lowline
65450 - 5-H, with 7½ HP drive kit for Highline
65452 - 5-H, with 9 HP drive kit for Highline
65456 - 5-H, with 10 HP drive kit for Lowline
65472 - 5-M, with 15 HP drive kit for Lowline
65474 - 5-M, with 20 HP drive kit for Lowline
65490 - 6-M, with 25 HP drive kit for Lowline
65491 - 6-M, with 30 HP drive kit for Lowline
67115 - Horizontal Stand, **ONLY**

Stand Foot Print Size
20" x 40"

For motor options please see pages 90 & 91

Vertical Stands - Complete Unit Less Motor

65412 - 4-H, with 5 HP drive kit for Highline
65421 - 4-H, with 7½ HP drive kit for Highline
65433 - 4-M, with 7½ HP drive kit for Lowline
65432 - 4-M, with 7½ HP drive kit for Highline
65441 - 4-M, with 10 HP drive kit for Lowline
65451 - 5-H, with 7½ HP drive kit for Highline
65453 - 5-H, with 9 HP drive kit for Highline
65457 - 5-H, with 10 HP drive kit for Lowline
65473 - 5-M, with 15 HP drive kit for Lowline
65475 - 5-M, with 20 HP drive kit for Lowline
67120 - Vertical Stand, **ONLY**

Stand Foot Print Size
21" x 28"

For motor options please see pages 90 & 91

Vacuum Pump Motors

~ *Extra High Torque Farm Duty Motor* ~

Replacement for the Old Style Dayton Motor

- *1.15 service factor*
- *TEFC*
- *Single phase*
- *1800 RPM*

Part#	*HP*	*Frame*	*Shaft*	*Full Load Amps*
67180	10	215-T	1 3/8	41
67179	7½	215-TZ	1 1/8	30
67178	5	215-TZ	1 1/8	29
67177	5	184-T	1 1/8	24
67176	3	184-T	1 1/8	17

1 YEAR WARRANTY!

LEESON

A replacement motor for the Surge Alamo 4.5 HP motor. Made by Leeson, this 5 HP motor has the same base as the original 4.5 HP

Wiring box is located on the right side to work with the 75 Plus Pump Units

1 YEAR WARRANTY!

67465 - 5 HP Leeson Farm Duty Motor, 1800 RPM

Vacuum Pump Motors

Premium Efficiency 3 Phase Motors

• *Inverter duty* • *1800 RPM* • *208-230/460* • *TEFC enclosure*
• *Ideal for Electric Company Rebate Programs* • *1.15 Service Factor*
• *Metal clad V-type sealing ring on drive-end*
• *SKF bearings with SKF extreme pressure high temperature grease*

All motors have passed and received all U.S. certification requirements and meet or exceed the NEMA Premium Efficiency Standards.

Part#	*HP*	*Frame*	*Shaft*
67160	5	184-T	1 1/8
67161	7½	213-T	1 3/8
67162	10	215-T	1 3/8
67163	15	254-T	1 5/8
67164	20	256-T	1 5/8
67165	25	284-T	1 7/8
67166	30	286-T	1 7/8

Magnetic Motor Starters

MEETS ALL MAJOR OEM SPECIFICATIONS!

SINGLE PHASE - 115 volt coil

67410	5 HP/230 volt (w/E62 heater)
67411	7½ HP/230 volt (w/E69 heater)
67412	10 HP/230 volt (w/E70 heater)

SINGLE PHASE - 230 volt coil

67413	5 HP/230 volt	(w/E62 heater)
67414	7½ HP/230 volt	(w/E69 heater)
67415	10 HP/230 volt	(w/E70 heater)

THREE PHASE - 115 volt coil

67428	7½ HP/230 volt	(w/E69 heater)
67430	10 HP/230 volt	(w/E69 heater)
67431	15 HP/230 volt	(w/E74 heater)
67432	20 HP/230 volt	(w/E76 heater)

THREE PHASE - 230 volt coil

67429	7½ HP/230 volt	(w/E69 heater)
67440	10 HP/230 volt	(w/E69 heater)
67441	15 HP/230 volt	(w/E74 heater)
67442	20 HP/230 volt	(w/E76 heater)

SIEMENS-FURNAS

Replacement Heaters

67445	- E62
67446	- E69
67447	- E70
67448	- E74
67449	- E76

REFLEX

Variable Speed Drive Unit

- Large, illuminated digital vacuum gauge for easy viewing
- Motor soft-start brings vacuum pump up to speed gradually until vacuum level in the system reaches the set point. This eliminates over torque situations during start-up.
- Separate milking vacuum and washing vacuum to achieve better solution circulation. Switching is done automatically through the washer control switch.
- Built-in hour meter
- Sensing is done as close to teat end as possible which controls vacuum level more precisely at the most important place.

Reflex VSD Units

29530NP -	5	HP	1 phase	220 volt
29505NP -	7½	HP	3 phase	220 volt
29535NP -	7½	HP	1 phase	220 volt
29510NP -	10	HP	3 phase	220 volt
29540NP -	10	HP	1 phase	220 volt
29515NP -	15	HP	3 phase	220 volt
29550NP -	15	HP	3 phase	440 volt
29545NP -	15	HP	1 phase	220 volt
29520NP -	20	HP	3 phase	220 volt
29555NP -	20	HP	3 phase	440 volt
29560NP -	25	HP	3 phase	440 volt
29525NP -	25	HP	3 phase	220 volt
29528NP -	30	HP	3 phase	220 volt
29575NP -	30	HP	3 phase	440 volt
29529NP -	40	HP	3 phase	220 volt
29550NP -	40	HP	3 phase	440 volt

29495NP - Reflex controller only

P29040NP - Reflex circuit board

VSD Cables

IMPORTANT: *Using the recommended cables can simplify the installation of Reflex System. Listed below are the Standard Sizes.*

29702NP - Cable for VSD - 12 AWG, 4 Conductor, 30A Cont, *for 5, 7.5 & 10HP - 230 V or 10, 15 & 20HP 460V*

29704NP - Cable for VSD - 8 AWG, 4 Conductor, 55A Cont, *for 15 & 20HP - 230 V or 25 & 30HP - 460 V*

29706NP - Cable for VSD - 4 AWG, 4 Conductor, 95A Cont, *for 25 & 30 HP - 230 Volt Drives*

29710NP - 18/2 Shielded Control Cable

Recommended for interconnection of the controller to the inverter

NEW ITEM

EZ Bypass Units

29805NP* - EZee Bypass Unit - 32 Amps, *5 & 7.5HP (220V) and 10 &15HP (440V)*

29810NP* - EZee Bypass Unit - 65 Amps, *10, 15 & 20HP (220V) and 20, 25, 30HP (440V)*

29815NP* - EZee Bypass Unit - 80 Amps, *25 & 30HP (220V)*

29800NP - EZee Bypass Unit Enclosure, *ONLY*

***Must purchase an additional Control Relay Complete. Specify Coil Voltage (12V AC/DC, 24V AC/DC, 120V, or 220V)**

REFLEX

Variable Speed Drive Unit

COW ID READY

- **2-Year Warranty on Reflex Variable Speed Drive Unit**
  Unit now comes with a 2 year warranty from purchase date.

- **Deluxe Reflex Model gives added protection for the Inverter and is Cow ID ready**
  The Inverter is mounted in a steel Nema 4 enclosure that has a Line Disconnect, Filtered Fan Cooling system, Remote Display Keypad and proper shielding for Cow ID Systems.

- **Product Information Disc Available for Full Range of Variable Speed Drive Products**
  Disc offers General Product Information, System User Manual, Energy Savings Estimator Program and helpful tips . Contact us for you free disc.

- **Controller with Digital Read-out is included in all packages**

Deluxe Systems are sold without RFI filter and line reactor.
These items must be ordered in addition. Please see starburst below.

Deluxe Reflex VSD Systems

29600NP	7½	HP	1 phase	220 volt
29601NP	7½	HP	3 phase	220 volt
29603NP	7½	HP	3 phase	440 volt
29609NP	10	HP	1 phase	220 volt
29610NP	10	HP	3 phase	220 volt
29612NP	10	HP	3 phase	440 volt
29614NP	15	HP	1 phase	220 volt
29615NP	15	HP	3 phase	220 volt
29650NP	15	HP	3 phase	440 volt
29620NP	20	HP	3 phase	220 volt
29655NP	20	HP	3 phase	440 volt
29625NP	25	HP	3 phase	220 volt
29660NP	25	HP	3 phase	440 volt
29628NP	30	HP	3 phase	220 volt
29675NP	30	HP	3 phase	440 volt

Parts for Deluxe Reflex Inverter

For our full line of Line Reactors and RFI Filters
please refer to part numbers starting with:
P09500NP & P09600NP listed in our price book.
For more information please call: 800-233-6878

Replacement Parts for Original Sutorbilt® Pumps

67702 - Rebuild Kit, ***for 6-H/6-M***
67701 - Rebuild Kit, ***for 5-H/5-M***
67704 - Rebuild Kit, ***for 4-H/4-M***
67706 - Rebuild Kit, ***for 3-H/3-M***
67708 - Oil sight gauge, ***for 4-M, 4-H, 5-M, 5-H***
67709 - Gear oil reservoir vent, ***for 4-M, 4-H, 5-M, 5-H***
67716 - Gear oil reservior gasket, ***for 6-H/6-M***
67713 - Gear oil reservior gasket, ***for 5-H/5-M***
67714 - Gear oil reservior gasket, ***for 4-H/4-M***
67715 - Gear oil reservior gasket, ***for 3-H/3-M***

Replacement Parts for DSL Sutorbilt® Pumps

67697 - Rebuild kit, ***for DSL 5H, 5M DSL***
67698 - Rebuild kit, ***for DSL 4-H, 4-M DSL***

67865* - Gasket, ***for 3-H/3-M DSL***
67866* - Gasket, ***for 4-H/4-M DSL***
67867* - Gasket, ***for 5-H/5-M DSL***
67868* - Gasket, ***for 6-H/6-M DSL***

***2 REQUIRED PER PUMP**

Replacement Bearings and Seals

67780 - Bearing, shaft side, ***for 4-H/4-M***
67781 - Bearing, gear side, ***for 4-H/4-M***
67782 - Seal, ***for 4-H/4-M***
67783 - Seal, ***for 4-H/4-M shaft***
67790 - Bearing, shaft side, ***for 5-H/5-M***
67791 - Bearing, gear side, ***for 5-H/5-M***
67792 - Seal, ***for 5-H/5-M***
67793 - Seal, ***for 5-H/5-M shaft***
67795 - Bearing, shaft side, ***for 3-H/3-M***
67796 - Bearing, gear side, ***for 3-H/3-M***
67797 - Seal, ***for 3-H/3-M***
67798 - Seal, ***for 3-H/3-M shaft***
67801 - Bearing, ***for 6-H/ 6-M shaft side***
67799 - Bearing, gear side, ***for 6-H/ 6-M***
67800 - Seal, ***for 6-H/ 6-M***
67802 - Seal, ***for 6-H,/6-M shaft***

Replacement Pump Mounting Brackets

67770 - Foot, ***5-H/5-M***, standard air flow
67771 - Foot, ***4-H/4-M***, standard air flow
67772 - Foot, ***5-H/5-M***, side to side air flow
67773 - Foot, ***4-H/4-M***, side to side air flow

Replacement Housing Shims

67874 - Shim for 4M pump .002”
67875 - Shim for 5H pump .002”

Drive Kits for Sutorbilt® Lobe Pumps

67270 -	5	HP/3-M	pulley kit with belts
67271 -	7½	HP/4-M	lowline pulley kit with belts
67272 -	7½	HP/4-M	highline pulley kit with belts
67273 -	10	HP/4-M	pulley kit with belts
67274 -	5	HP/4-H	pulley kit with belts
67275 -	7½	HP/4-H	pulley kit with belts
67276 -	7½	HP/5-H	pulley kit with belts
67277 -	10	HP/5-H	pulley kit with belts
67278 -	15	HP/5-M	pulley kit with belts
67279 -	20	HP/5-M	pulley kit with belts
67280 -	25	HP/6-M	pulley kit with belts
67281 -	30	HP/6-M	pulley kit with belts

" THE E-ZEE CLEAN "

DETERGENT INJECTOR FOR LOBE PUMPS

An automatic lobe pump cleaning controller designed to spray cleaning detergents or lubricants into pump ports. Helps to prevent build-up on lobes inside pump.

Consists of a time delay controller that is activated automatically each time vacuum pump gets power. Unit can be adjusted for time delay and for duration of application.

If unit is set for a 30 min. delay it will only open valve once even if pump runs for several hours; it is designed to repeat its cycle after pump is shut down and is powered up again.

E-Zee Clean can also be set to do a repeat cycle for pumps that run 24 hours per day.

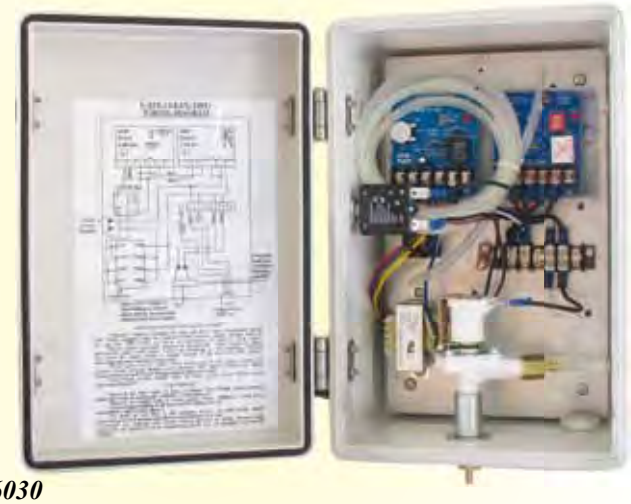
E-ZEE CLEAN SYSTEM
with 1 Valve for Single Pump Systems

67510 - 110 Volt input
67520 - 220 Volt input

E-ZEE CLEAN SYSTEM
with 2 Valves for Dual Pump Systems

67522 - 110 Volt input
67524 - 220 Volt input

INCLUDES:
- CONTROL BOX WITH VALVE
- HOSE WITH FILTER
- HOSE WITH BARB FITTING FOR VACUUM LINE



67518 - Replacement Coil - ***110 Volt***
67519 - Replacement Coil - ***220 Volt***
67531 - Replacement Delay Board, ***#6030***
67532 - Replacement Timer Board, #6062
67541 - E-Zee Clean valve assembly, ***with 110 volt coil***
67542 - E-Zee Clean valve assembly, ***with 220 volt coil***
67517 - Manual valve kit for Lobe Pump cleaning solution
67516 - Single dripper kit for Lobe Pump cleaning solution

TKX

ALL PURPOSE PENETRANT, LUBRICANT and PROTECTANT FOR USE WITH E-ZEE CLEAN SYSTEM.

- **Great for Lobe pumps**
- **Helps to protect Lobes inside pump from build-up and rust**
- **Displaces moisture**
- **Excellent lubricant**

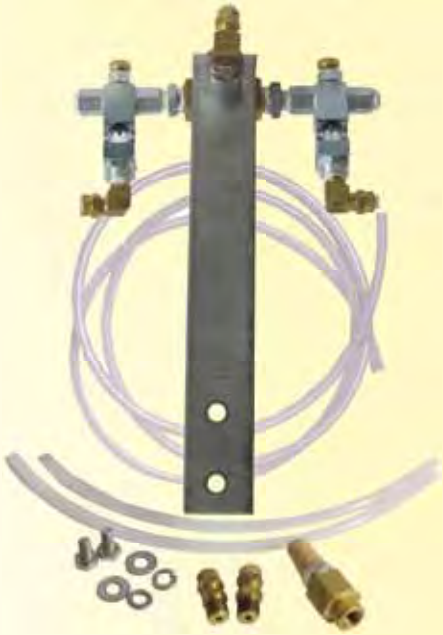
67511 - 1 gallon
67514 - 1 Case, ***4 gallons***

Vacuum Pump Parts and Supplies, Etc.

Oilers and Drippers

67209 - 2 dripper system w/stainless steel bracket mount for DeLaval® 777

67210 - Triple oiler valve w/stainless steel bracket mount for DeLaval® 78



67211 - 2 dripper system w/stainless steel bracket mount for DeLaval® 76

67213 - Triple oiler valve for Surge® 100 Plus pump
(Includes tubing)

67214 - 2 dripper system for Surge® 75 Plus pump
(Includes tubing)

NOT PICTURED

67212 - 2 dripper system for FR4-A pumps

67215 - 2 dripper system for Masport® pumps
(includes tubing and stone filter for oil jug)

67208 - Triple oiler kit for RPS 2800 pump

67217 - 100' Roll ¼" tubing for oil lines ***(1/8th ID)***

67199 - Brass nut with white sleeve for compression fitting

67218 - 1/4" Compression fitting for oil drippers with 1/8th NPT male thread ***(straight)***

67219 - 1/4" Compression fitting for oil drippers with 1/8th NPT male thread ***(elbow)***

67226 - Oil Dripper with 1/8" NPT Thread

67222 - Oil Dripper with 1/4" NPT Thread

Vacuum Pump Parts and Supplies, Etc.

PVC Swing Check Valve

67242 - 3” **67244** - 4”
67314 - 6”

Replacement Flapper ONLY

67243 - 3” **67245** - 4”

PVC Gate Valves

67336 - 2” **67337** - 4”
67335 - 3” **67312** - 6”

Brass Anti-Reverse Swing Check Valves

67239 - 2” **67240** - 2½”

Exhaust Flappers

67333 - Exhaust Flapper Kit for 2” to 3”

67331 - Exhaust Flapper Kit for 4”

67332 - Exhaust Flapper Kit for 1½” to 2”

Fittings, Etc.

For our full line of fittings please refer to part numbers starting with:
65501 for Galvanized and **66130** for PVC, listed in our price book.

Flexible Couplings

67318 - 6” x 6”
67230 - 4” x 4”
67231 - 3” x 3”
67232 - 3” x 2”
67233 - 2” x 2”
67249 - 1½” x 1½”

Galvanized Nipples

67236 - 2½” x 12”
67237 - 2½” x 8”
67247 - 2½” x 6”
67248 - 2½” x 4”

67235 - 2½” Galvanized 90° elbow

67234 - 2½” Galvanized union

67238 - 3” x 2½” Galvanized reducer

67225 - Replacement foam filter *for Surge® Alamo (2 pk.)*

Original Alamo® Parts

05465 - Flapper valve, 2” (7750-0020-440 WF/S)
05473 - Filter gasket (7750-0014-379 WF/S)

67252 - Replacement 6-J Rubber sleeve for Surge® 100 plus direct drive coupler

67253 - Replacement 8-J Rubber sleeve for Surge® 2300 direct drive coupler

67306 -	1 1/8” flange	for 6J coupler
67307 -	1 3/8” flange	for 6J coupler
67308 -	1 1/8” flange	for 8J coupler
67309 -	1 3/8” flange	for 8J coupler

Vacuum Pump Parts and Supplies, Etc.

Vertical PVC Balance Tanks

67322 - 30 Gallon Vertical - 3” ports - 15” x 36”

67344 - 40 Gallon Vertical - 3” ports - 15” x 48”

67348 - 40 Gallon Vertical - 4” ports - 15” x 48”

67352 - 15” End Cap with 1½” outlet

“Vacuum drain included with all tanks”

Horizontal PVC Balance Tanks

67324 - 30 Gallon Horizontal - 3” ports - 15” x 36”

67345 - 40 Gallon Horizontal - 4” ports - 15” x 48”

67347 - 15” End Cap with 3” outlet

“Vacuum drain included with all tanks”

PVC Pre-Filters
w/stainless steel screen

67320 - 3” Pre-filter

67321 - 4” Pre-filter

67316 - 6” Pre-filter

“Vacuum drain included with all tanks”

Replacement Parts

67342 - Replacement stainless steel screen Size = 11½” x 18½”

67354 - Replacement stainless steel screen Size = 11½” x 18”

67339 - Drain elbow with flapper

67338 - Flapper ONLY

67343 - Lid for 3” and 4” Pre-filter

67341 - Lid Gasket

67319 - Baffle, V-block

AEON-PD Oil

for Sutorbilt® Lobe Pumps

67356 - 1 qt.

Case Quantity = 12

Red #2 Grease

for Sutorbilt® Lobe Pumps

67358 - Tube Grease

Case Quantity = 10

Vacuum Pump Oil

for Vane Pumps

67505 - gallon
Case Quantity = 6

67507 - 5 gallon

Vacuum Pump Parts and Supplies, Etc.

Vacuum Pump Stands

Fits many vane pumps from 3 to 10 HP

67330

Available with 184-T, 213-T or 215-T
(Specify when ordering)

Motor Bases

67456 - 184-T
67457 - 213-T
67458 - 215-T
67459 - 254-T
67460 - 256-T
67461 - 284-T
67462 - 286-T

Motor Pulleys

				Hub
65040 -	5 HP	RPS 2800	3 groove	SH
65041 -	7½ HP	RPS 2800	3 groove	SH
65042 -	10 HP	RPS 2800	3 groove	SH
65045 -	5 HP	D-L 78	2 groove	SH
65046 -	7½ HP	D-L 78	2 groove	SH
65047 -	10 HP	D-L 78	2 groove	SDS

For our full line of Pulleys and Hubs, please refer to part numbers starting with: 65000 listed in our price book.

Belts

67255 - 2/3 V x 530 double banded belt
67256 - 2/3 V x 560 double banded belt
for DL 78 5 HP pump
67257 - 2/3 V x 600 double banded belt
for DL 78 7½ or 10 HP pump
67258 - 2/3 V x 630 double banded belt
67259 - 3/3 V x 530 triple banded belt
for RPS 2800 5 HP and 7½ HP
67260 - 3/3 V x 560 triple banded belt
for RPS 2800 10 HP
67261 - 3/3 V x 600 triple banded belt
67262 - 3/3 V x 630 triple banded belt

Heavy Duty Silencers

Part#	Size	Length	Diameter
67323 -	2" NPT	33"	8"
67325 -	2½" NPT	34"	10"
67326 -	3" NPT	46"	10"
67340 -	4" NPT	53"	14"
67327 -	5" Flange Style	65"	16"

(Flanges Sold Separately)

67328 - 5" NPT Flange for 5" Silencer
67329 - Flange gasket

Light Duty Silencers

67380 2" NPT
67381 2½" NPT
67382 3" NPT
67383 4" NPT

Can be used as a second silencer on lobe pump systems

Regulators

RP Servo Regulator and Parts

For up to 80 American CFM's

17825 - RP180 Regulator
17810 - 5 piece repair kit
17815 - Top small filter
17817 - Center medium filter
17819 - Large bottom filter
17822 - Large center diaphragm
17823 - Top diaphragm

67223 - Vacuum release valve for regulators

Sentinel Regulators

17894 - Sentinel 350 regulator *(350 American CFM's)*
17898 - Sentinel 500 regulator *(500 American CFM's)*
17830 - Replacement filter for Sentinel 350/500 regulator
17896 - Diaphragm for Sentinel 350 Regulator

Mark II and Replacement Parts

17890 - Mark II regulator *(150 American CFM's)*
17849 - Replacement filter for Sentinal Mark II regulator
17850 - Sentinal Mark II regulator foam filter
17852 - Top dome filter, ***for Mark II, 350 and 500***
17853 - Roll seal
17856 - Diaphragm with plate
17862 - Top rubber knob
17864 - White base plate for Mark II regulator
17858 - Silicone Outlet seal for base
17880 - Peacekeeper for Sentinal Mark II regulators

NEW ITEM

67310 - Safety valve for vacuum systems, 150 CFM's

67311 - Safety valve for vacuum systems, 150 CFM's or larger

Replacement Repair Kits

17870 - 4 piece repair kit for Mark II
Includes: 1 Roll Seal, 1 Dome Filter, 1 Body Filter and 1 Diaphragm with Plate

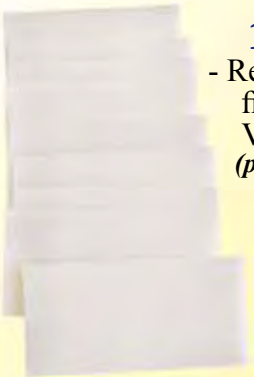
17875 - Worn parts kit for Mark I and Mark II regulators
Includes: Flow Ring, Dome Diaphragm, Rolling Seal, Adjusting Knob, Main Diaphragm, Main Filter, Dome Filter, O-Ring, 3-Flange Screws, 3-Adjuster Housings, Outlet Seal and Flange Assembly

Original Regulator Parts

05258 - 5K regulator rebuild kit, Minor (7750-0013-890 WF/S)
05259 - 5K regulator rebuild kit, Major (7750-0013-889 WF/S)

05521 - Vacurex diaphragm with vent (#7047-9926-470 WF/S)
05522 - Vacurex diaphragm without vent (#7047-1702-000 WF/S)

03271 - Filter for Servo (96798902 DL)



17495 - Replacement filters for Vacurex®
(pack of 10)

Vacuum Gauges

17920 - Digital Solar Vacuum Gauge

67224 - Small 2" vacuum gauge for portable pump units

17918 - Adjustable 3½" vacuum gauge

17913 - Adjustable Stainless 4½" vacuum gauge

CFM Testers

Kit Includes:

- ***Carry Case***
- ***Tester with 3½" Gauge***
- ***Spare 3½" Gauge***
- ***Adaptor for 3" Pipe***
- ***Extra Plugs***

17785 - 160 CFM Tester "American CFM's"
17780 - 260 CFM Tester "American CFM's"
17786 - CFM plug (size 10)
17787 - CFM plug (size 20)

Vacuum Drains

59445 - Black plastic drip drain, ½" NPT

59435 - PVC drain, 1¼" NPT

59437 - Ball only for PVC drain

New style PVC drain

59450 - PVC drain, DL style, 1¼" NPT
59455 - Rubber insert for PVC drain
59452 - Ball only for PVC drain
59457 - Cotter pin
59458 - PVC housing

New Vane Vacuum Pumps

A heavy duty vacuum pump that can be used in many different applications...

Pumps have a double end shaft for more installation options. Bare shaft has a cover that can be switched to the opposite side. These pumps are assembled with high quality vanes, seals and bearings. Each pump is individually assembled and tested. All parts interchange with name brand pumps that have been sold in the USA for over 20 years.

M-Style E-5 Vacuum Pump Packages

55 cfm @ 1000 RPM with 5 HP motor

1 YEAR WARRANTY!

Vertical Stand

67555 - M-style E-5 vacuum pump head
67556 - Pump on a vertical stand with 5 HP drive package - less motor ***(includes 2 oil drippers and hose)***
67557 - Pump on a vertical ***(same as above plus a 2" reclaimer)***

Horizontal Stand

67566 - Pump on a horizontal stand with 5 HP drive package-less motor ***(includes 2 oil drippers and hose)***
67567 - Pump on a horizontal ***(same as above plus 2" reclaimer)***

67550 - Masport M-4 pump on vertical stand, ***with 2" oil reclaimer***
67551 - Masport M-4 pump on vertical stand, ***less oil reclaimer***
67552 - Masport M-4 pump head, only

For motor options please see pages 90 & 91

M-Style E-7.5 Vacuum Pump Packages

80 cfm @ 1000 RPM with 7.5 HP motor

Vertical Stand

67650 - M-style E-7.5 vacuum pump head
67656 - Pump on a vertical stand with 7½ HP drive package-less motor
Includes: 2 oil drippers and hose
67657 - Pump on a vertical stand ***(same as above plus a 2" reclaimer)***

Horizontal Stand

67665 - Pump on a horizontal stand with 7½ HP drive package-less motor
Includes; 2 oil drippers and hose
67667 - Pump on a horizontal stand ***(same as above plus 2" reclaimer)***

For motor options please see pages 90 & 91

Replacement Parts

21970 - Set/4 vanes for M-style E-5 or M-5
21965 - Set/4 vanes for M-style E-7.5 or M-7.5
21966 - Bearing for M-style E-5, E-7.5, M-5 or M-7.5
21967 - Seal for M-style E-5, E-7.5, M-5 or M-7.5
67549 - Inlet flange gasket
67573 - Inlet flange
67579 - Endplate gasket, .003
67578 - Endplate gasket, .002
67574 - Drive kit for E-5 or E-7.5 for 1000 RPM
Includes: 1-Motor Pulley/2BK-40, 1-Pump Pulley/66-2B, 2-Hubs and 2-B-62 Belts

2" Reclaimer Packages and Parts

67220
- 2" Oil reclaimer with filter assembly, drain hose and 2 drippers

IMPROVED DESIGN TO COLLECT MORE OIL!

67221
- 2" Oil reclaimer with filter assembly and drain hose.

Oil drippers NOT INCLUDED.

See parts section.

w/Bottom Intake

Replacement for Surge® Pumps

67213 - Triple oiler valve for Surge® 100 Plus pumps
67214 - 2 dripper system for Surge® 75 Plus pumps
67215 - 2 dripper system for Masport® Pumps
67216 - Spin-off oil filter assembly for Surge® oil reclaimers
67227 - Filter for oil reclaimer, NAPA #21515
67196 - Stone filter with compression fitting, for oilers
67197 - Elbow with ¼ brass tubing, for DL 78 oiler
67205 - Oil filter housing with ½" ball valve

See page 96 for pictures and detailed information.

Vacuum System for Maple Operations

- ☛ Flood reclaimer system with demister
- ☛ System will run at 20" to 24" vacuum continuously
- ☛ Oil cooler with ¼ HP motor keeps oil cool
- ☛ Pumps are set up at a special tolerance for flood system
- ☛ Availabe in various pumps and motor sizes

"We can help you design the perfect size pump for your customer's needs."

For a price quote please call:
888-304-6276

68750 - 5 HP Vacuum system for Maple with E-5 pump, ***with reclaimer, demister and oil cooler***

67607 - Reclaimer package, ***2" with demister & filter***

Rebuilt Vane Vacuum Pumps

Please Call 1-888-304-6276 for Availability

DELAVAL®

114090 78-2½" pump unit, *with rebuilt 5 HP motor and 3" reclaimer*
114060 78-2½" pump unit, *with rebuilt 7½ HP motor and 3" reclaimer*
114190 78-2½" pump head, *only*
114196 78-2½" pump head, *with pulley and New triple oiler*
114194 78-2½" pump head, *with New triple oiler*
114150 78-2" pump unit, *with rebuilt 5 HP motor and 2" reclaimer*
114180 78-2" pump head, *only*
114200 777 pump unit, *with rebuilt 5 HP motor and oiler*
114210 777 pump, *only*
114030 76 pump unit on stand, *with rebuilt 3 HP motor*
114000 76 pump head, *only*
114120 84 pump unit, *with 3" reclaimer, less motor*
114125 84 pump head, *only*

114194

114000

MASPORT®

177000 M-7.5 pump unit, *with rebuilt 7½ HP motor and reclaimer*
177050 M-7.5 pump head, *only*
177100 M-5 pump unit, *with rebuilt 5 HP motor and reclaimer*
177150 M-5 pump head, *only*
177200 M-3 pump unit, *with rebuilt 3 HP motor, floor stand and oiler*
177250 M-3 pump head, *only*
177310 M-15 complete unit, *with 3" reclaimer, less motor*
177320 M-15 pump head, *only*

177050

177100

Rebuilt Vane Vacuum Pumps

Please Call 1-888-304-6276 for Availability

SURGE®

137100 100 plus pump, *with 5.5 HP motor and reclaimer* - direct drive
137030 100 plus pump, *with reclaimer, New drippers and oil filter*
137000 100 plus pump head, *only*
137250 75 plus pump unit on stand, *with 4.5 HP motor and reclaimer*
137190 75 plus pump, *with reclaimer, New drippers and oil filter*
137150 75 plus pump head, *only*
137350 2300 pump head, *only*
137550 5.5 HP motor
137600 4.5 HP motor

147030

137030

WESTFALIA®

147000 New style RPS 2800 pump, *with rebuilt 5 HP motor and reclaimers*
147030 New style RPS 2800 pump, *with rebuilt 7½ HP motor and reclaimers*
147050 New style RPS 2800 pump unit, *less motor*
147055 New style RPS 2800 pump head, *only*
147070 Old style RPS 2800 pump unit, *less motor*
147080 Old style RPS 2800 pump head, *only - no fan*

BOUMATIC®

127000 FR4-A pump, *with rebuilt 5 HP motor on stainless tank and with oiler*
127055 FR4-A pump head, *with oiler*
127085 FR4 pump head, *with oiler*
127090 FR3-A pump head, *with oiler*

Vanes, Bearings, Seals and Complete Kits

E-Zee uses a high quality Kevlar material for all replacement vanes and they contain NO glass material. These vanes are top quality, are non abrasive so pumps run cooler, quieter and will last longer. They are made to exact length, width and thickness by a company that makes vanes for many different applications..

Replacement Parts For DeLaval®

For 78
21950 - Set of 4 vanes
21951 - Bearing
21952 - Shaft Seal

21954 - Complete Rebuild Kit,
Includes: 1-21950, 2-21951 and 1-21952

For 76
21955 - Set of 4 vanes
21956 - Bearing
21957 - Shaft Seal

21959 - Complete Rebuild Kit,
Includes: 1-21955, 2-21956 and 1-21957

For 777
21995 - Set of 4 vanes
21951 - Bearing
21996 - Shaft Seal

21999 - Complete Rebuild Kit,
Includes: 1-21995, 2-21951 and 1-21999

For 84
22000 - Set of 5 vanes
22001 - Bearing
22002 - Shaft seal

Replacement Parts For Masport®

For M-7.5
21965 - Set of 4 vanes
21966 - Bearing
21967 - Shaft seal

21969 - Complete Rebuild Kit,
Includes: 1-21965, 2-21966 and 2-21967

For M-5
21970 - Set of 4 vanes
21966 - Bearing
21967 - Shaft seal

21974 - Complete Rebuild Kit,
Includes: 1-21970, 2-21966 and 2-21967

For M-3
21975 - Set of 4 vanes
21976 - Bearing
21977 - Shaft seal

21979 - Complete Rebuild Kit,
Includes: 1-21975, 2-21976 and 1-21977

For M-15
22140 - Set of 4 vanes
22141 - Bearing
22142 - Shaft seal

22144 - Complete Rebuild Kit,
Includes: 1-22140, 2-22141 and 2-22142

Vanes, Bearings, Seals and Complete Kits

Replacement Parts For Surge® / Westfalia®

For Alamo 75/100 Plus

21980 - Set of 4 vanes
21981 - Needle bearing *(shaft side)*
21982 - Double row bearing *(back)*
21983 - Shaft seal
67805 - Blue shim .005
67808 - White shim .025
21986 - O-ring for end plate

21984 - Complete Rebuild Kit,
Includes: 1-21980, 1-21981, 1-21982, 1-21983, 1-shim and 2-O-rings

For Alamo 30/40 Plus

21985 - Set of 4 vanes
For bearings and seals, etc. use part #'s listed under 75/100 Plus, as all parts interchange with the exception of vanes.

Replacement Parts for Surge Alamo®

67810 - Bearing race for 30, 40, 75 & 100 Plus
67825 - Reclaimer gasket
67630 - Replacement screen for Surge reclaimers

For Alamo 2300/2800

22110 - Set of 4 vanes
22111 - Bearing (shaft side)
22112 - Bearing (back)
22113 - Seal (shaft side)
22114 - Seal (back)

For WF RPS 2800

21960 - Set of 4 vanes
21961 - Bearings
21962 - Shaft seal

21964 - Complete Rebuild Kit,
Includes: 1-21960, 2-21961 and 2-21962

67810

Replacement Parts For BouMatic®

For DB-2000

22120 - Set of 4 vanes
22130 - Set of 3 vanes
22121 - Bearings *(Needle)*
22122 - Bearings *(5207)*
22133 - Shaft seal

22134 - Complete 3 Vane Rebuild Kit,
Includes: 1-22130, 1-22121, 1-22122 and 2-22133

22124 - Complete 4 Vane Rebuild Kit,
Includes: 1-22120, 1-22121, 1-22122 and 2-22133

For FR4/FR4-A

21990 - Set of 4 vanes
21991 - Bearing
21992 - Shaft seal
21994 - Complete Rebuild Kit,
Includes: 1-21990, 2-21991 and 2-21992

For FR3/FR3-A

21989 - Set of 4 vanes
21991 - Bearing
21992 - Shaft seal

For VP-155

22207 - Bearing
22142 - Seal

New Replacement Parts That Fit BouMatic® Takeoffs

85335 - Power supply for 16 takeoff units, all stainless box

Replacement Parts for Power Supply

43112 - Rectifier, 35 amp
85306 - Capacitor with holder
85309 - 120 volt M.O.V.
85312 - Lightning arrestor
85314 - Line filter
85317 - Fuse holder
85323 - 5 AMP fuse
85321 - On/off toggle switch
91836 - Toggle switch cover
85325 - 120 volt AC input/11/24 volt AC output transformer

99771 - 18" cylinder for 2100

99773 - 15" cylinder for 2700

99766
- 3/4" x 1 7/8" stainless flat washer for top

99767
- 3/4" x 16" stainless hex jam nut for top

99768
- 7/16" x 20" stainless hex jam nut for rod

99804 - Stainless chain cut in 50" lengths for BM air takeoff
96030 - Stainless chain per foot

99385
- Clear bulb for 2000/2100

99387
- Amber LED bulb only for 2000/2100

99388
- Red LED bulb only for 2000/2100

99389
- Replacement Amber LED bulb, ***with 18" wire***

99390
- Replacement Red LED bulb, ***with 18" wire***

New Replacement Parts That Fit BouMatic® Takeoffs

85430 - New Style Kleen-Flo replacement Circuit Board with stainless chassis for 2000 and 3000 Series

- Regulated valve and lamp outputs
- 100 to 4,600 OHM sensitivity range
- 1½ or 3 minute letdown time
- Features milk sweep function
- Incandescent/LED lamp capability
- Press either button when unit is in "sleep" mode, and it goes into "wash" mode

2 YEAR WARRANTY

85437 - Wiring harness for 85430 circuit board, ***less board connector***

97825 - 5" x 24" Tie rod air cylinder for BM crowd gate, 1 3/8" rod, copy ***(includes clevis bracket)***

Miscellaneous Parts

92241 - Cylinder bottom ***(for 2000, 3000, 4200 and 4400)***
98789 - ¼" Nylon rope ***(sold per foot)***
99689 - Sealing washer ***(for 2000/3000 and 4200/4400 piston)***
99703 - Palm push button
99890 - 2½" x 5/8" stainless nipples ***(for 2000/3000 milk hose)*** ~ **CUSTOM SIZES AVAILABLE** ~
99712 - 2 AMP fuse ***(for 2000 and 3000 Series Boards)***
99782 - Shuttle valve ***(for 2100)***
99726 - 1/4" O.D x 1/8" I.D. air tubing....specify color ***(for 2100)***
99830 - Rubber shutoff hose .62" x 3.25" ***(for 2100 or 2101 clear air sensors)***
99802 - Cable for Precision meter, 10' long
99715 - O-ring for old style meter lid ***(style of lid with 2 ears)***
99791 - Bushing for 2100 hose support ***(uses 2)***

92241

99703

99782

99791

99875 - One Piece Plunger assembly for new style BM sensor

99885 - Plunger assembly for new style sensor

99886 - Plunger ***only***, for new style sensor

99751 - Diaphragm ***only***, for new style sensor

99830

New Replacement Parts That Fit BouMatic® Takeoffs

Copy Kits and Parts for BM Perfection meter

99851 - 6 piece ~ *parts kit only*

Includes:

99753 - White diaphragm
99840 - Large seal, (uses 2)
99842 - Red silicone seal
99844 - Plug
99847 - Small thin black o-ring

99850 - Complete service kit

Includes:

99753 - White diaphragm
99840 - Large seal, (uses 2)
99842 - Red silicone seal
99844 - Plug
99847 - Small thin black o-ring
99852 - Stainless plate
99856 - Stainless insert
99858 - Stainless spring
99861 - Plastic threaded nut
99863 - Stainless bolt
99865 - Diaphragm assembly

99753 - White diaphragm

99865 - Diaphragm assembly

99575 - Keypad for BM metering takeoff

NEW ITEM

99695 - Replacement Touch Switch

99780 - Solenoid valve for Perfection meter

99756 - Diaphragm for 2000V shutoff

99675 - Piston seal for 2000/3000 and 4200/4400 series cylinder

99720 - Grey nylon filter/ muffler for 2000/3000 series speed control head

99719 - Metal filter/muffler for 2000/3000 series solenoid

New Replacement Parts That Fit BouMatic® Takeoffs

99475
- U shaped shutoff hose for Companion

99460 - 3.125 piston seal for Companion or 4000D takeoff

99455 - Molded shutoff diaphragm for Companion or 4000D takeoff

99420 - Companion flex switch

99425 - Handle with flex switch

99423 - Handle, ONLY
NOT SHOWN

NEW ITEMS

Terminals for BM Circuit Boards

92414 - 2 pin terminal
92415 - 3 pin terminal
92417 - 5 pin terminal

92418 - 6 pin terminal
92419 - 7 pin terminal
92421 - 10 pin terminal

24 volt DC

99775
- Solenoid for 2100 or 2101

24 volt DC

99779 - 3 way Solenoid for 2000V and 2000VM

24 volt DC

99777 - 4 way Solenoid for 3000 series

Replacement Sensor Assemblies for Takeoffs

99882 - Kleen Flo Air Sensor Assembly, ¾”

99881 - Kleen Flo Vacuum Sensor Assembly, ¾”

99880 - Kleen Flo Sensor body, ONLY

See page 126 for more details

Replacement Brackets and Mounting Hardware

10060 - Stainless bottom bracket with chain bushings
10070 - Stainless chain shield
99742 - Stainless top mounting bracket for 2100
99729 - Stainless retaining ring ***(for white chain bushing)***
99807 - White chain bushing ***(for bottom bracket)***
99749 - Stainless U-bolt ***(for #99740 and #10060 bracket)***
99817 - Stainless mounting bracket with 2 clamps ***(for new style BM curb mount sensor)***
99817-1 - Side clip for 99817 bracket
99819 - Stainless bracket for 2100 sensor
91767 - Stainless curb mount hose support bracket
99746 - Stainless hose clamp ***(for #99740 bracket)***
99740 - Stainless mounting bracket ***(for the 2000, 2101, 3000, 4200, 4400, 4600)***
99825 - Stainless wall mounting bracket ***(for Perfection 3000 meter)***
99340 - Handle bracket ***(for Companion)***
99462 - Washer plate ***(for Companion)***

10060

10070

99817

99740

99825

91767

Replacement Shutoff Assemblies for Takeoffs

- Available with air or vacuum operated top
- Plastic breakaway kit included
- Mounting brackets not included

99150

99160

99146 - Plastic body only for shutoff
99150 - 3/4” plastic vacuum operated shutoff assembly, mounting bracket not included
99160 - 3/4” plastic air operated shutoff assembly, mounting bracket not included
99180 - Breakaway clamp kit
99185 - Silicone gasket
99177 - Breakaway spring clamp
99175 - Breakaway clamp half only, 2 needed
99148 - Vacuum top assembly, with nut
99172 - 5/8” stainless curb mount bracket
99173 - 3/4” stainless curb mount bracket
91810 - 3” stainless milk line clamp
91811 - Gasket for 3” stainless milk line clamp
99885 - Plunger assembly
99886 - Plunger, only
99875 - NEW One Piece Plunger assembly
99889 - Blue nut

99148

99180

Parts for Air Assembly ONLY

99155 - Top assembly, with nut
99162 - Shut off top, only
99163 - Insert for top
99164 - Snap ring for top
99165 - Flat washer for top
99166 - Screw for top
99167 - Spring for top
99168 - O-ring for top
99169 - U-cup for top
99170 - Sealing washer

99155

99889

99173

91810

New Replacement Parts That Fit DeLaval® Takeoffs

Parts for SST#2

85035 - Silicone keypad, with stainless cover and connector board to adapt to SST#2® 5.2, 5.3 or 6.1 boards

85020 - Keypad with connector board, ***LESS stainless cover***

85070 - Silicone keypad, only

85076 - Connector board only, for E-Zee keypad

85040 - Replacement keypad kit with rebuilt circuit board *(Specify what version board needed 5.2, 5.3 or 6.1)*

98575 - HFC sensor board for DL

98769 - Stainless box with cover for SST#2, Deeper for HFC sensor

98771 - Stainless box with cover for SST#2 and silicone style keypad ***(as shown)***

91805 - Stainless L shaped bracket for SST#2

98738 -Clamp for 2" stainless cylinder with ½" thread

98741 - Clamp for 3" plastic cylinder with ½" thread

(These 3" copy clamps can be used on: Plastic VSO, Little Champ and Plastic SST#2)

Standard length is 39½" Custom Sizes Available

98721 - Stainless cylinder for SST# 2, ***with rope***

98731 - Stainless cylinder for SST# 2, ***with stainless chain***

98723 - Stainless horizontal cylinder for SST# 2, ***with rope and pulley***

92241 - Cylinder bottom for stainless SST#2 ***(rope style)***

92239 - Cylinder bottom for stainless SST#2 ***(chain style)***

92473 - Cylinder bottom w/pulley assembly for stainless SST#2 ***(for chain or rope)***

Air Cylinders

98745 - Pinch cylinder for ARM I
98747 - 12" Retract cylinder for ARM I or II
98749 - 14" Retract cylinder for Plato
98751 - 16" Counter balance cylinder for Plato

98706 - Chain for ARM I or II, 88"
98707 - Chain for Plato, 63"

98754 - 12 volt DC Mac valve for ARM II or Plato takeoffs

98795 - Bushing for Plato arm

New Replacement Parts That Fit DeLaval® Takeoffs

Parts for Milkmaster

99760 - Label

98625 - Rubber rebuild kit for Amplifier

98660 - Rubber rebuild kit for sensor

NEW ITEMS

Replacement Hangers for MilkMaster Takeoff

Pictured On Page 127

98628 - Easyline hanger

98629 - 2” hanger

98630 - 3” hanger

NEW ITEM

98470 - Bulb

98647 - Outer seal for motor

98648 - Inner seal for motor

98653 - Filter, *Includes clip*

98655 - Ball for rope

Parts for SST#2

98950 - Cover kit, ***for control valve***
98951 - Blue cover gasket
98952 - Fresh air nipple only
98953 - Fresh air screen only
98954 - Blank plug *(replaces screen)*
98949 - Grommet, ***for wiring harness***
98703 - Flag terminal, ***for SST#2 or Milkmaster***
43317 - Magnetic plate, f***or SST#2 or Milkmaster***
20164 - Gasket, ***for inlet***
20165 - Shutoff diaphragm, ***for inlet***
98695 - Sensor jar
98702 - Reed switch, ***for SST#2 or ARM takeoffs***

20164

20165

43317

98702

98703

98695

Miscellaneous Replacement Parts

98805 - Wear plate for ARM I or II takeoff linkage
98802 - Start/Remove switch for ARM I
98810 - SRK - SQE1 exhaust repair kit for ARM I or II
98811 - SQE1 exhaust for ARM I or II
98717 - Strap to mount stainless SST#2 cylinder to stainless box
98719 - Strap to mount plastic SST#2 cylinder to stainless box
98720 - Adaptor plate to mount stainless SST#2 box to plastic cylinder
98713 - Bracket for HFC sensor
98710 - HFC Sensor Diaphragm
98704 - 3 strand wire harness ***for SST#2 control valve, 7’ long***
98705 - 4 strand wire harness ***for SST#2 control valve, 7’ long***
98790 - 3/16” Nylon rope ***(sold per foot)***
91819 - Bulb for ARM I
98756 - Bulb for SST#2 or ARM II
98460 - MM25 gasket
98960 - Repair kit for Milkmaster pulsator

98805

98713

98460

NEW ITEM

98710

New Replacement Parts That Fit Westfalia® Takeoffs

10310 - Box with side holes, ONLY
91871 - Box with switch, button and red lens assembly, ONLY
91851 - Box COMPLETE, (with replacement board)
91808 - Mounting clamp for side switch box, copy (2 required)

Stainless Boxes for ACR#1

10480 - Box with front holes, ONLY
91870 - Box with switch, button and red lens assembly, ONLY
91850 - Box COMPLETE, (with replacement board)
91806 - Mounting clamp for front switch box, copy (1 required)

NEW ITEM

91833 - Replacement Touch Switch for W/F

91838 - Water tight toggle switch cover

91836 - Toggle switch cover

91835 - Toggle switch for ACR

91830 - Push button

91831 - Push button cover

91922 - Wire connector for reversing valve & sensor

91785 - Complete replacement solenoid valve with stainless steel box for ACR 1

91795 - Stainless box with lid, ONLY

91800 - Replacement solenoid valve less box

99777 - Replacement solenoid (ONLY) for ACR #1

New Replacement Parts That Fit Westfalia® Takeoffs

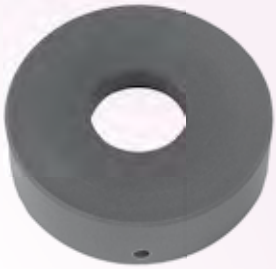
85350 - Replacement Circuit board for ACR1® takeoff, with board heater

85353 - Board heater, ***ONLY***

Miscellaneous Replacement Parts

98790 - 3/16" Nylon rope ***(sold per foot - roll size is 1000 ft.)***
91887 - 90° conduit elbow for ACR ss takeoff box
91816 - Stainless L bracket for old style sensor mounting
91245 - End cap for Stimopuls® MA cylinder.
91235 - Seal for Stimopuls MA cylinder
91237 - Sealing ring for Stimopuls MA
91909 - Bottom mounting plate for Metatron® Apex box
91910 - Swivel bracket for Metatron® Apex box
91991 - Tube sealing cap for Metatron® or ACR
91231 - Front cover assembly replacement for Stimopuls
91230 - Front cover, ***ONLY***

91245



91235

91231

NEW ITEM

91237

91991

91196
- Fuse for ACR board, 1.6 AMP, 5mm x 20mm

91819
- Bulb for Metatron® 12, ACR 2 & 3® or Stimopuls® MA

91199
- Bulb for ACR 1 board

New Replacement Parts That Fit Westfalia® Takeoffs

99747 - Leather sleeve for cylinder

91820 - Bottom for cylinder

91863 - Top disc for piston

91860 - Complete stainless cylinder, 37" long

91865 - Piston for cylinder

91862 - Top cap for cylinder

91867 - Piston spring

91805 - Stainless L shaped cylinder bracket

99172 - 5/8" stainless curb mount bracket

99173 - 3/4" stainless curb mount bracket

99180 - Breakaway clamp kit
99185 - Silicone line gasket
99177 - Spring clamp
99175 - Clamp half, only

91807 - Mounting bracket for Metatron box

New Replacement Parts That Fit Westfalia® Takeoffs

91980 - Service kit for Metatron® meter

Includes:
1 - **99252** - lid gasket
1 - **99185** - silicone line gasket
3 - **91991** - sealing caps
2 - **99751** - diaphragms
1 - **91970** - plunger assembly with diaphragm

91945 - Plunger assembly for Visoflow sensor

91946 - Plunger only for Visoflow sensor

99751 - Sensor or meter diaphragm

91970 - Plunger assembly for Metatron® meter

91971 - Plunger only for Metatron® meter

91810 - 3" stainless milk line clamp for Visoflow® or Metatron®, (Includes gasket)

91811 - Gasket for 3" stainless milk line clamp

NEW ITEM

91239 - Replacement hanger for Stimopuls MA
for 2" line

New Replacement Parts For Surge® Takeoffs

VSO Parts

99736 - Radel VSO top, ***with brass inserts***

99733 - Plunger for VSO float

99730 - cap & stem for VSO float

99738 - Radel base for VSO

99732 - Large O-ring for mounting bracket
99737 - Small O-rings for top ***(Pkg. of 10)***
99739 - White teflon washer
64589 - Replacement gasket
64610 - Insert nuts ***(Pkg. of 12)***
05251 - VSO sensor float ***(7750-0021-568 WF/S)***

64512 - Screws (Pkg. of 12)
99731 - Rubber rebuild kit.....

Includes:
99737 - Small O-ring
99732 - Large O-ring
64589 - Gasket
99739 - Teflon washer

Miscellaneous Replacement Parts

92243 - Bushing only for plastic VSO® cylinder bottom
98789 - 1/4" Nylon rope (sold per foot)
92183 - Push button cover for meter reset switch
92107 - Stainless hose clamp for One Touch milk valve
92209 - Mac valve solenoid, for Optic® 850 takeoff - 12 VDC
92232 - Chain stop

92232

92209

92241 - Cylinder bottom for Omni® vacuum and stainless VSO®

92242 - Cylinder bottom with bushings for plastic VSO®

92282 - Piston seal for Omni® and stainless VSO® cylinder

92264 - Stainless L shaped bracket for plastic VSO® cylinder

91805 - Stainless L shaped bracket for Omni® and stainless VSO® cylinders

New Replacement Parts For Surge® Takeoffs

Parts for Omni Elite

92205 - Air cylinder

92210 - Mac valve solenoid - 24 VDC

92227 - Air electric switch

92222 - Manual/Auto switch

92220 - Detach valve button

92221 - Milk valve button

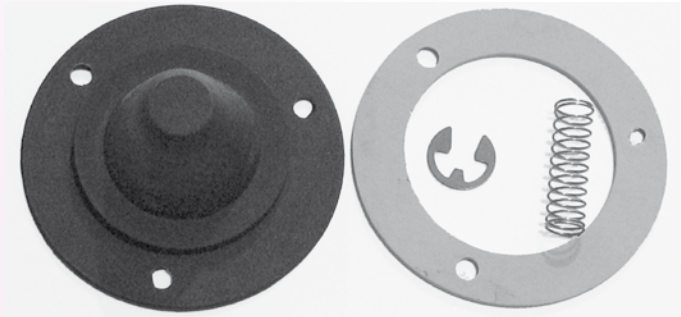
Miscellaneous Omni® Replacement Parts

92000 - Bushing kit for Surge Omni Elite arm
92010 - Bushing and ring for Surge Omni Elite arm
92230 - Chain pad for Omni Elite®
92260 - Stainless chain for Omni Elite®, 60”
92252 - Bulb for Omni Power supply
92287 - 10 - 32” nylon screw for Omni® solenoid cover
92294 - Small cord grip for Omni® box

92325 - Replacement keypad cover for Omni®

92208 - Mac valve solenoid for Omni® air takeoff - 24 VDC

43105 - Rebuild kit for Omni® vacuum solenoid



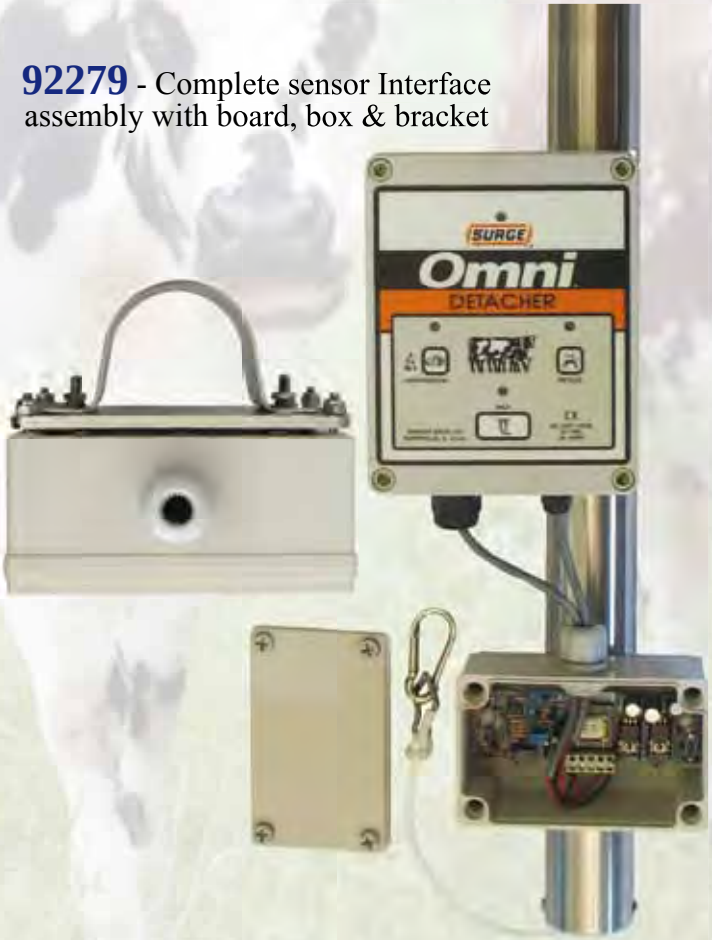
92275 - Rebuild kit for Optic sensor

92245 - Stainless sensor holder for Optic sensor

Sensor Interface Board for Omni® Takeoff

- Adapts Visoflow style sensor to older Omni® boards
- Sensing range (30-ohms to 5030-ohms)
- Keep your existing Omni® takeoffs and upgrade them to a new sensor at an affordable cost
  (as seen in the picture below)
- This board adapts to most ring style sensors

92279 - Complete sensor Interface assembly with board, box & bracket



92280 - Sensor Interface board, ONLY
for Omni® takeoff

NuPulse® Takeoff

FloChek ✔ Parlor Takeoff/Meter

M15700NP

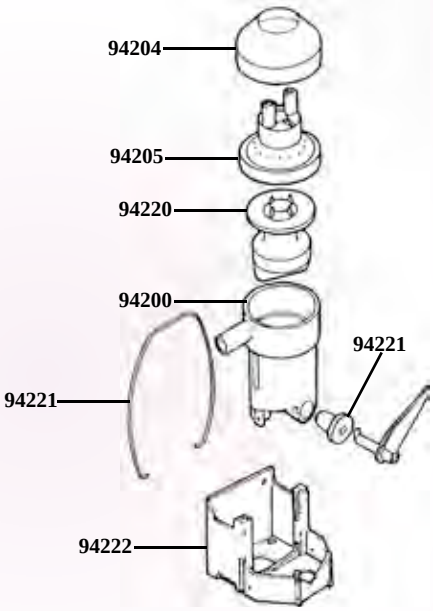
- Meter has 3/4” inlet and outlet
- Flow through electronic meter with no moving parts
- 420 Line mount solenoid valve
- Inline shutoff
- This meter can be interfaced with existing takeoffs

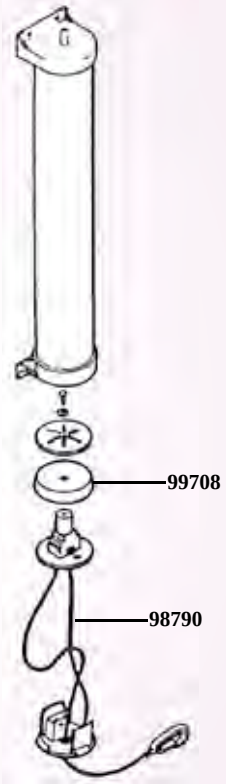
The FloChek ✔ parlor milk meter provides a digital readout along with an End-of-milk signal. The meter can be calibrated and shows the accumlated milk weight. The meter also has a milking total selection key, and can show the flow rate per minute. Weight can be shown in either kilograms or pounds.

18500NP - Constant voltage transformer. This CVT can handles up to 10 units at a time.

Waikato® Takeoff Parts

94200 - Sensor body
94204 - Cover for valve head
94205 - Valve head
94220 - Float
94222 - Sensor Bracket for Waikato Takeoff
94221 - Bridle Clip for Waikato Sensor
94207 - Timer lever with bung
94208 - Float lever with bung
94212 - Bung only
94218 - Piston washer
94216 - Bayonett with pulley for cylinder
99708 - Cylinder seal
94225 - Reset timer
94235 - Milk Line filter
94237 - Screen for milk line filter
94240 - Complete sensor assembly
94241 - Waikato takeoff Cylinder , complete
94250 - Complete parlor takeoff with sensor





99708

New Replacement Parts For Universal®

92400 - Sensor/shutoff diaphragm, with pin

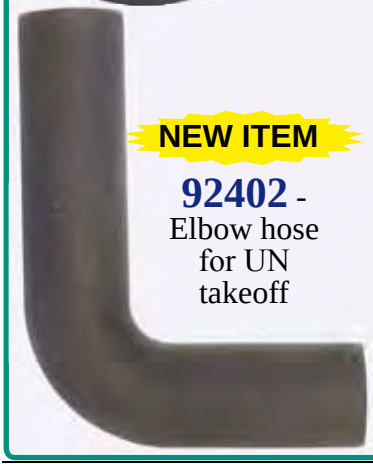
92406 - Parlor Advisor & Eco sensor bracket

98669 - Seal for ECO and Advisor sensors

99708 - Seal for plastic style cylinder

NEW ITEM

NEW ITEM



92402 - Elbow hose for UN takeoff

92411 - Rope guide for 3" stainless cylinder

92395 - Replacement Hanger for Portable Ecolite, Advisor and Kleen Flo takeoffs *for 2" line*

NOT SHOWN

92404 - Manuel/ Auto switch for PATO®
92407 - Attach/Detach switch for PATO®

KLEEN-FLO® TAKEOFF

HEAVY-DUTY STAINLESS STEEL DESIGNED FOR YEARS OF USE

- **Built in heater to reduce condensation**
- **Optional Accumulative vs Standard strip time via an "on board shunt"**
  Accumulative: In 10 second strip mode, accumulates total of 10 seconds of no milk flow before detaching.
  Standard: In 10 second strip mode, requires 10 consecutive seconds of no milk flow before detaching.
- **Power requirements: 24VAC, 25 WATTS**
  We recommend our 61554 transformer *(on page 46)*, it is ideal for areas with "AC Brownout" when voltage may be higher or lower than normal.

Kleen-Flo #91710 Dip Switch Style Takeoff Board Sensitivity Settings

Dip Switch #1			Dip Switch #2				** Suggested Starting Range for Different OEM Type Sensors
SW1-1	**SW1-2**		**SW2-1**	**SW2-2**		**Sensitivity Range**	
ON	ON		OFF	ON		30 TO 500 OHMS	
ON	ON		ON	ON		50 TO 550 OHMS	
ON	**OFF**		**ON**	**OFF**		**150 TO 650 OHMS**	**Westfalia VisiFlo**
ON	OFF		OFF	ON		350 TO 850 OHMS	
ON	OFF		ON	ON		400 TO 900 OHMS	
OFF	**ON**		**ON**	**OFF**		**1250 TO 1750 OHMS**	**Delaval HFC**
OFF	**ON**		**OFF**	**ON**		**1450 TO 1950 OHMS**	**Interpuls Swirl Type**
OFF	ON		ON	ON		1500 TO 2000 OHMS	

** The starting points mentioned above are are only suggested. Other ranges may be used at the customer's discretion. If you experience difficulties, please contact Joe @ 800-768-6166 for assistance.

COMPLETE TAKEOFF UNITS

91725 - Complete takeoff unit, ***with DL style stainless cylinder and Interpuls® swirl sensor***
91720 - Complete takeoff unit, ***with DL style stainless cylinder and Kleen Flo sensor assembly***

91737 - Complete takeoff unit, ***with WF style stainless cylinder and Interpuls® swirl sensor***
91730 - Complete takeoff unit, ***with WF style stainless cylinder and Kleen Flo sensor assembly***

FOR CUSTOM PACKAGES CALL JOE @ 1-800-768-6166

Kleen-Flo® Takeoff Parts

Replacement Interpuls Sensor Parts®

91750

This Swirl Design Sensor/Shutoff is patented by Interpuls®. The milk enters sensor and is swirled around shutoff plunger to the outlet side resulting in faster passage and less milk restriction. Sensor accepts either 5/8" or 3/4" hose.

91750 - Complete, Interpuls® sensor assembly
91763 - Sensor mounting bracket
91755 - Top cap
91756 - Nut
91757 - Sensor/shutoff diaphragm

Replacement Kleen Flo® Sensor Parts®

99881 - Kleen Flo Vacuum Sensor Assembly, ¾"
99880 - Plastic sensor body, ONLY
99889 - Blue nut
99883 - Vacuum top, ONLY
99148 - Vacuum top assembly, complete
99885 - Plunger assembly
99875 - One piece plunger
99817 - Sensor mounting bracket assembly

99881

99885

99875

91785 - 420 solenoid valve

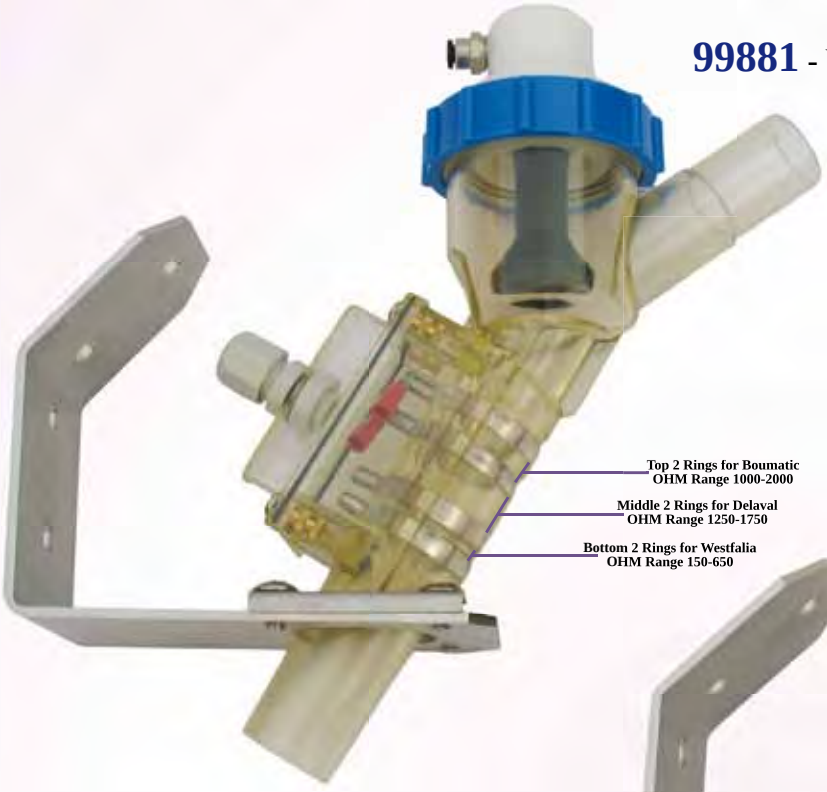
91805 - Stainless cylinder brackets

91710 - Dip switch style takeoff board

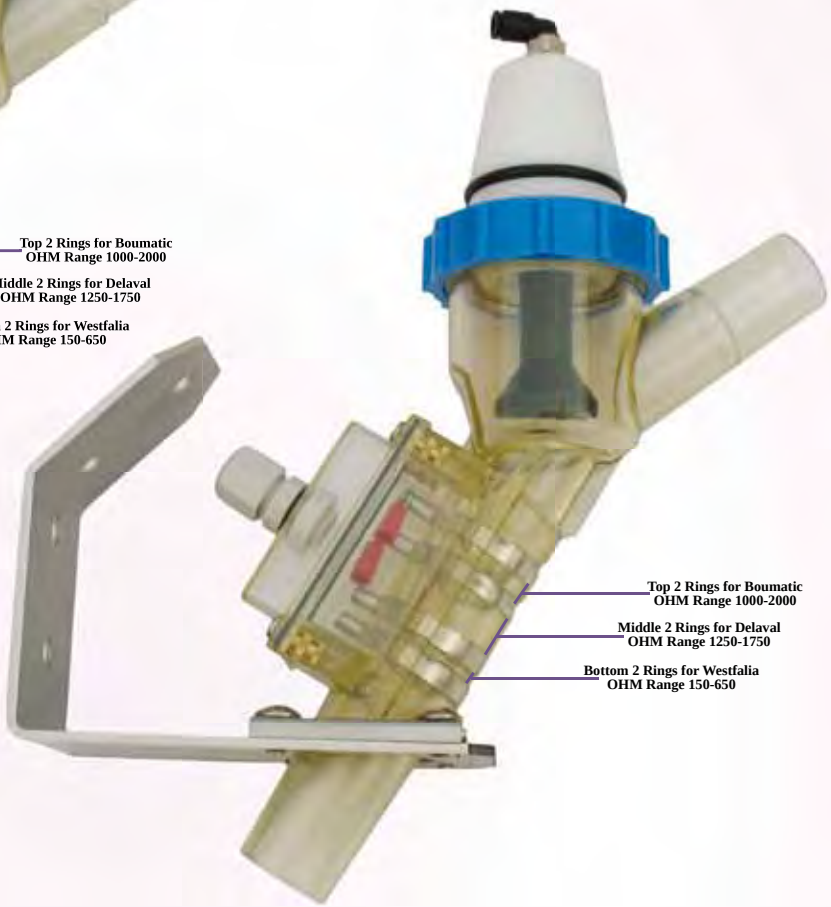
FOR CUSTOM PACKAGES CALL JOE @ 1-800-768-6166

Miscellaneous Takeoff Parts

99881 - Vacuum plastic sensor assembly , 3/4”


Top 2 Rings for Boumatic
OHM Range 1000-2000
Middle 2 Rings for Delaval
OHM Range 1250-1750
Bottom 2 Rings for Westfalia
OHM Range 150-650

99882 - Air plastic sensor assembly , 3/4”


Top 2 Rings for Boumatic
OHM Range 1000-2000
Middle 2 Rings for Delaval
OHM Range 1250-1750
Bottom 2 Rings for Westfalia
OHM Range 150-650

99880 - Plastic sensor body, only

Decade Boxes

99711
- Single dial decade box, 0 to 1,000 OHMS

99722
- Dual dial decade box, 0 to 11,000 OHMS

Replacement Takeoff Hangers

NEW ITEMS

91239
- Hanger for Stimopuls MA
for 2" line

98628
- Easyline hanger for milkmaster takeoff

92395 - Hanger for Portable Ecolite, Advisor and Kleen Flo takeoffs
for 2" line

99435
- Hanger for Companion takeoff
for 2" line

98629
- Hanger for MilkMaster takeoff
for 2" line

98630
- Hanger for MilkMaster takeoff
for 3" line

Miscellaneous Takeoff Parts

96012 - Standard stainless snap, 1/4”

96088 - Heavy duty stainless snap, 9/32”

96014 - Small stainless repair link

98782 - Large stainless repair link

96087 - Breakaway stainless clip

Quantity Discounts Available

96030 - Stainless chain. ***This is a top quality, heavy duty, stainless steel chain as each link is welded all the way around. This chain is sold per foot but available at any length.***

ACME® Transformers

These 500 Watt - .500 KVA transformers come with a breaker switch installed but are available without if requested.

99718 - 12 volt - 30 AMP Breaker AC or DC

99716 - 24 volt - 20 AMP breaker AC or DC On/Off toggle switch

Parts for Transformers

99717 - Toggle switch for 24 volt transformer, (on/off)

92592 - 20 AMP breaker switch

92590 - 30 AMP breaker switch

Kleen Flo Transformers

These 500 watt - .500 KVA transformers are ideal for AC “Brownout” areas where voltage may be lower or higher than normal. Multiple primary taps accept 95VAC, 105VAC, 115VAC or 125VAC. Can also be used in cases where there is a greater than normal secondary wire length between transformer and application.

61554 - 24-28 VAC Output
(One of these supplies enough power for up to 20 Kleen Flo takeoff units)

61594 - 24-28 VDC Output
(This transformer is suited for the #92280 Sensor Interface board)

Terminals for Circuit Boards

92422 - 2 pin terminal
92424 - 4 pin terminal
92425 - 5 pin terminal

92426 - 6 pin terminal
92428 - 8 pin terminal
92430 - 10 pin terminal

Vacuum Operated Milk Line Shutoff

78490 - Normally Closed ~ Vacuum operated milk line shutoff.
Can be used with 5/8” or 3/4” milk hose

To convert to normally closed on the Boumatic® 3000 series takeoffs, take the plug out of the solenoid and replace it with #78491 solenoid adaptor nipple and order whatever length of #78492 hose that you will need.

78491 - Solenoid adaptor nipple
78492 - 3/16” x 12” Hose
78493 - Cover
99751 - Replacement clear diaphragm for shutoff

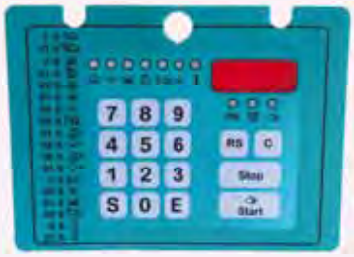
78475 - Vacuum operated stainless steel pinch valve

78476 - Diaphragm only for pinch valve

Replacement Takeoff Labels

91824
- Label for Stimopuls® MA

91828
- Label for ACR® #3



91826 - Label for Metatron® #12 plastic style cover

91821
- Label for ACR SS

91822
- Label for ACR SS

99625
- Label for 2101D

99643
- Label for 3000M and 2101M

99646
- Label for 3000D

99811
- Label for 2000V

99812
- Label for 2100D

99640
- Label for 2000VM

99640
- Label for 4600 D

99760
- Label for MilkMaster

92375
- Label for Advisor

91745
- Label for Kleen-Flo®

Rebuilt Germania® Takeoffs

Model B

153050 - Rebuilt model B counterbalance takeoff, ***with stainless square tube & new style pinch off***

153345 - 4-Fold Arm option in place of 3-Fold Arm

Model SB

153000 - Rebuilt Model SB
All Stainless Steel Takeoff Unit

Arm Takeoffs are available with Electronic Metering

Model C

153100 - Rebuilt Model C Stainless Steel Takeoff

Model E

153250 - Rebuilt Model E, ***with NEW chain cylinder***

153260 - Rebuilt Model E, ***with rebuilt chain cylinder***

Accuweigh II Jar

159000 - Rebuilt Accuweigh II New Style 65 lb Weigh Jar, ***with shutoff***

Weigh Jar includes 1 Manual and 1 Air Shutoff as shown below

Comes with 1/8" hose barb →

Air Shutoff

Manual Shutoff

96131 - Gasket for Accu Weigh II

Replacement Parts for Germania® Takeoffs

Air Valves

96031
- PT 110

96003
- D Restrictor for GM

96036
- IFC 15 Flow Control
~ Replaces X180

96023
- Whisker Valve

96133
- 3 NC Versa Valve

Fittings, Tubing & Switches

Some fittings may differ from pictures shown. Any replacements will be of equal or better quality.

96034 - 1/8" NPT to 10/32" Brass Bushing *(pack of 10)*

96035 - ¼" NPT to 10/32" Brass Bushing *(pack of 10)*

96054 - 1/16 Hose Barb *(pack of 10)*

96055 - 1/8 Hose Barb *(pack of 10)*

96049
- ¼" Adjustable Muffler

96051 - 1/16 Cross *(shown)*

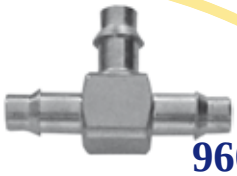
96052 - 1/8 Cross

96129 - 1/8 Hose Mender *(pack of 10)*

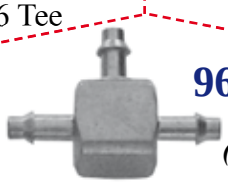
96130 - 1/16 Hose Mender *(pack of 10)*

96137
- 10/32 Plugs

96057
- 1/8 x 1/8 x 1/16 Tee

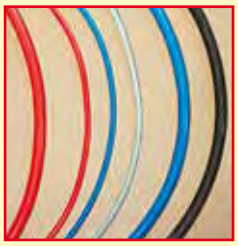


96058
- 1/8 Tee



96056 - 1/16 Tee *(pack of 10)*

96005 - 1/8" Black Tubing
96006 - 1/8" Blue Tubing
96007 - 1/16" Grey Tubing
96008 - 1/16" Blue Tubing
96009 - 1/16" Red Tubing
96011 - 1/8" Red Tubing



96059 - Adjustable Tee *(Not Shown)*

96171
- 1/4" NPT x 1/4" NPT Hex Pipe Nipple *(pack of 10)*

96060
- 1/4 NPT x 1/8 NPT Hex Reducer Nipple *(pack of 10)*

96123
- 10/32 Adjustable Elbow

96127
- 1/8 NPT to 1/16 Barb Elbow *(pack of 10)*

96128
- 1/8 NPT to 1/16 Barb *(pack of 10)*

96126
- Female Thread Tee *(pack of 10)*

Replacement Parts for Germania® Takeoffs

Misc. PT Valves

96037 - Actuator Valve *(PT 100)*

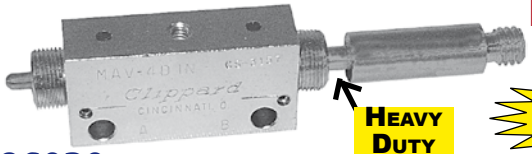
96038 - 2 Way Valve *(PT 210)*

96142 - 3 Way Valve *(PT 310)*

96039 - 4 Way Valve *(PT 410)*

96040 - 4 Way Valve Double Activated *(PT420)*

PT 421 Valve



Heavy Duty Stem

96020 - PT 421 Valve

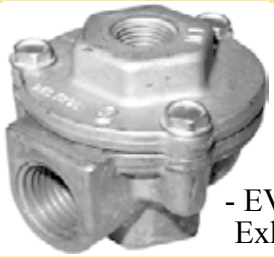
1 YEAR WARRANTY

96175 - Rebuild Kit for PT 421 *(with heavy duty stem)*

EV 125

96033 - Rebuild Kit for EV 125 Quick Exhaust

96225 - Diaphragm
96227 - Square O-Ring
96229 - Screw



96112 - EV 125 Quick Exhaust Valve

MA Valves

96042 - Valve Cam

96044 - Valve Cam Pin

96041 - Valve Plunger

96045 - M/A Valve Handle

96043 - Black Knob for M/A Valve

96022 - Manual/ Automatic lever

Replacement Shutoffs For Germania®

96111 - Shutoff ~ Without Bracket for 9/16 or 5/8 Hose

96147 - Shutoff ~ Without Bracket for 3/4 Hose

96029 - Shutoff ~ With Bracket for Model B & C

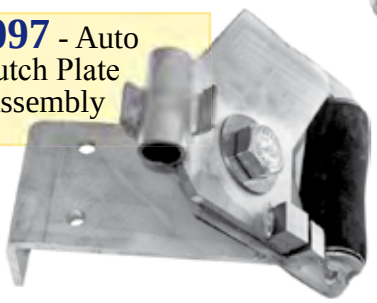
Replacement Parts for Germania® B/SB Takeoffs

96096 - Stainless Sensor Bracket

96116 - SS M/A and Start Valve Bracket

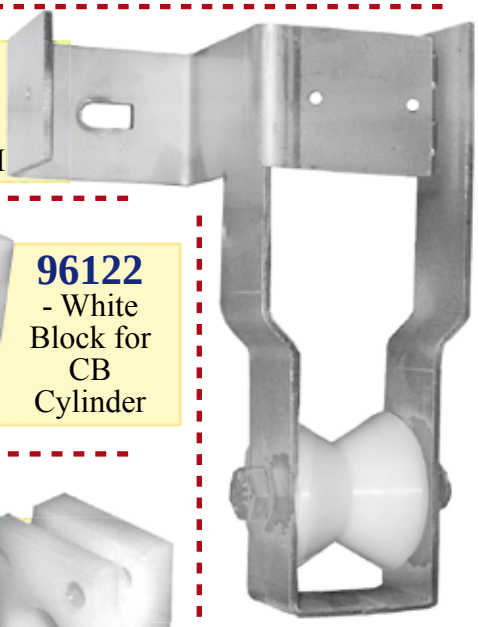
96119 - Upper Bearing retainer

96097 - Auto Clutch Plate Assembly



96090 - Big Cylinder

96117 - Lower Bearing retainer LH



96122 - White Block for CB Cylinder

96061 - Neoprene Spring

96114 - SS Pulley Assembly for Model B Big Cylinder

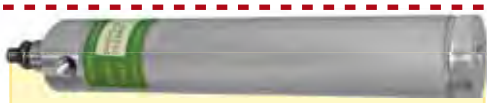
96080 - Model B Pulley

96053 - Chain Guide Block

Not Shown

96118 - Lower Bearing retainer RH

96136 - Pin for Sq. Tube in Counterbalance



96024 - Roller Pinch Off Cylinder

96109 - Head for Roller Pinch Off Cylinder

96083 - Counter balance Regulator

96079 - Big Cylinder Repair Kit

96026- Claw Chain

96094 - 3-Fold Bushing Kits

96095 - 4-Fold Bushing Kits

96032 - Repair Kit for CB Regulator

96082 - J Hook for Arm

96010 - Sq. Nylon Bushing
96013 - Brake Disc
96021 - Counterweight Cable
96091 - Square Tube
96124 - Model B Counterweight - weight guide
96139 - Chain for Model B/SB
96161 - 3 5/8" Arm Pin
96164 - 3 ¼" Arm Pin
96167 - 4 1/8" Arm Pin
96151 - Kit to Rebuild Counterbalance Cylinder

Misc. Items for Germania®

96015
- Black Cover Knobs

96018
- Round Chain Guide

96027
- 2 Min. Start-up Timers

96012
- Stainless Steel Snap *(small)*

96088
- Stainless Steel Snap *(heavy duty)*

96030 - SS Chain *(per foot)*

98782
- Split Links for Chain Repair

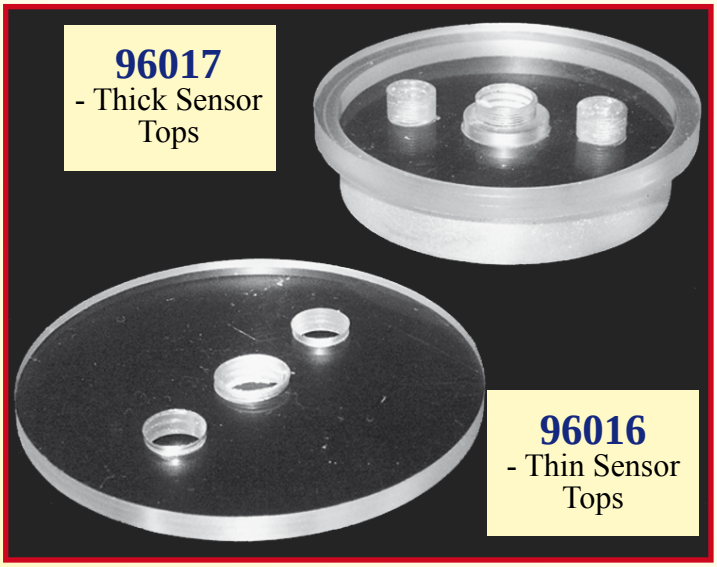
96087
- Stainless Break-a-way Clip

96092
- Stainless Mounting Brackets

96019
- Black Shroud Adapter for PT421 Valve

Not Shown

96000 - Red knob for GM
96001 - Green knob for GM
96110 - Clipped valve adapter *(replaces GM# 50325)*
96115 - Switch for auto Accu-Weigh dump
96149 - Switch for GM pulsator shutoff assembly



96017
- Thick Sensor Tops

96016
- Thin Sensor Tops

96205 - Replacement sensor body for Germania takeoff, *straight cut*

96113
- White Sensor Ring

Replacement Parts for Germania® Takeoffs

U-cups and O-Rings for Germania®

U-Cups and O-Rings come in a Packs of 10

96062 - U-Cup #1
Replaces GM 30731 or 30744

96063 - O-Ring #1
Replaces GM 30810

96068 - U-Cup #3
Replaces GM 30736

96069 - U-Cup #6
Replaces GM 34112

96070 - O-Ring #2
Replaces GM 30742

For Model E

96089 - Chain Cylinder Assembly

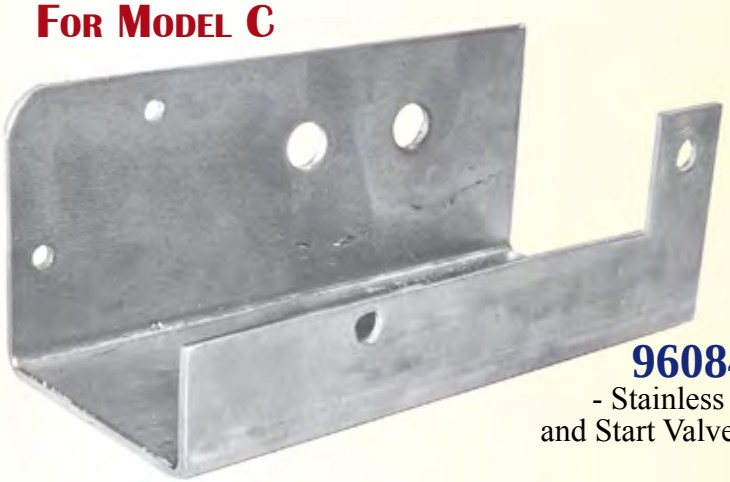
NOT SHOWN

96025 - Bulk Cable for Model E
96138 - Model E Chain
96076 - 37¾" Cable for Short Cylinder
97077 - 49¼" Cable for Long Cylinder

For Model C

96120 - Chain Guide for Model C

96121 - Model C Pulley



96084 - Stainless M/A and Start Valve Bracket

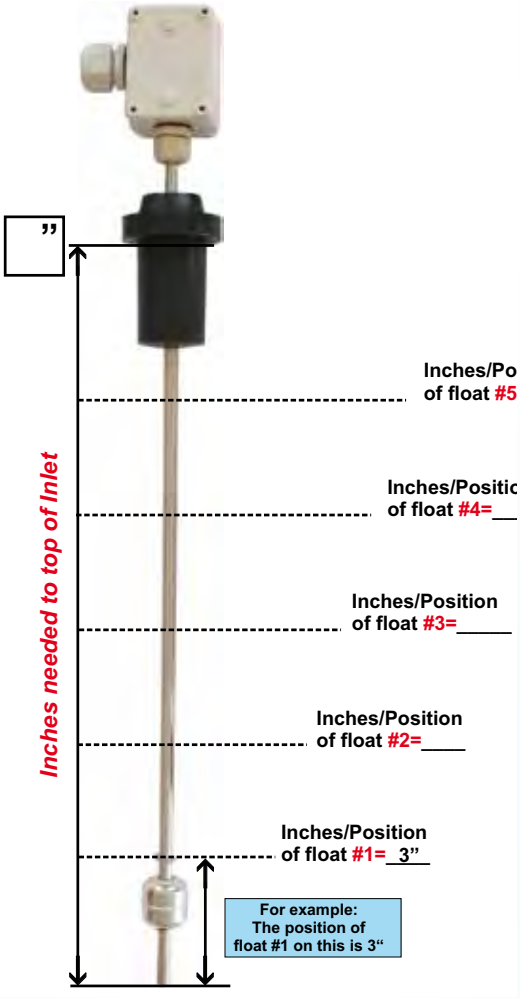
Not Shown
96140 - Chain for Model C (RH)
96141 - Chain for Model C (LH)

More New and Rebuilt Parts are Available for Germania® Takeoffs.
Contact Daniel Stoltzfus at: 877-768-8652 for more information.

KLEEN FLO® VARIABLE SPEED PROBE ASSEMBLY

Custom Probe Order Form

Standard Probe Assembly is 3 Floats ~ Maximum is 5 Activation Points



Standard Configuration

- ~ 1st Switch - Red
- ~ 2nd Switch - Yellow
- ~ 3rd Switch - Blue
- ~ 4th - Green
- ~ Top Switch - 2 Brown (Isolated)
- ~ Common - Black

- *Need measurement of exact location of each additional float for proper placement.*
- *Measure from bottom up for your float(s) position(s) in inches.*

Date:	PO#:
Name:	
Phone:	Fax:
Float Assembly with Probe Holder: #20022-**1½"** or #20023-**2**"	***(Please Circle One)***
Other and/or Notes:	

20004 - Additional Floats, Includes: 2 clips and float

20010 - Complete probe assembly for BM, *with Reed Switch, Junction box and New Style Float*

20012 - Stainless rod only for float style probe, *29" long*

20014 - Junction box for BM style probe

20015 - Junction Box, with large cord grip

20016 - Clip

20018 - Stainless steel collar, *5/16" ID - 5/8" OD - 5/16" width*

20019 - 1½" long insert for reed switch

20020 - Reed switch for plastic float probe

20022 - Kleen Flo Variable Speed Float Assembly, *with 1½" I.D. probe holder*

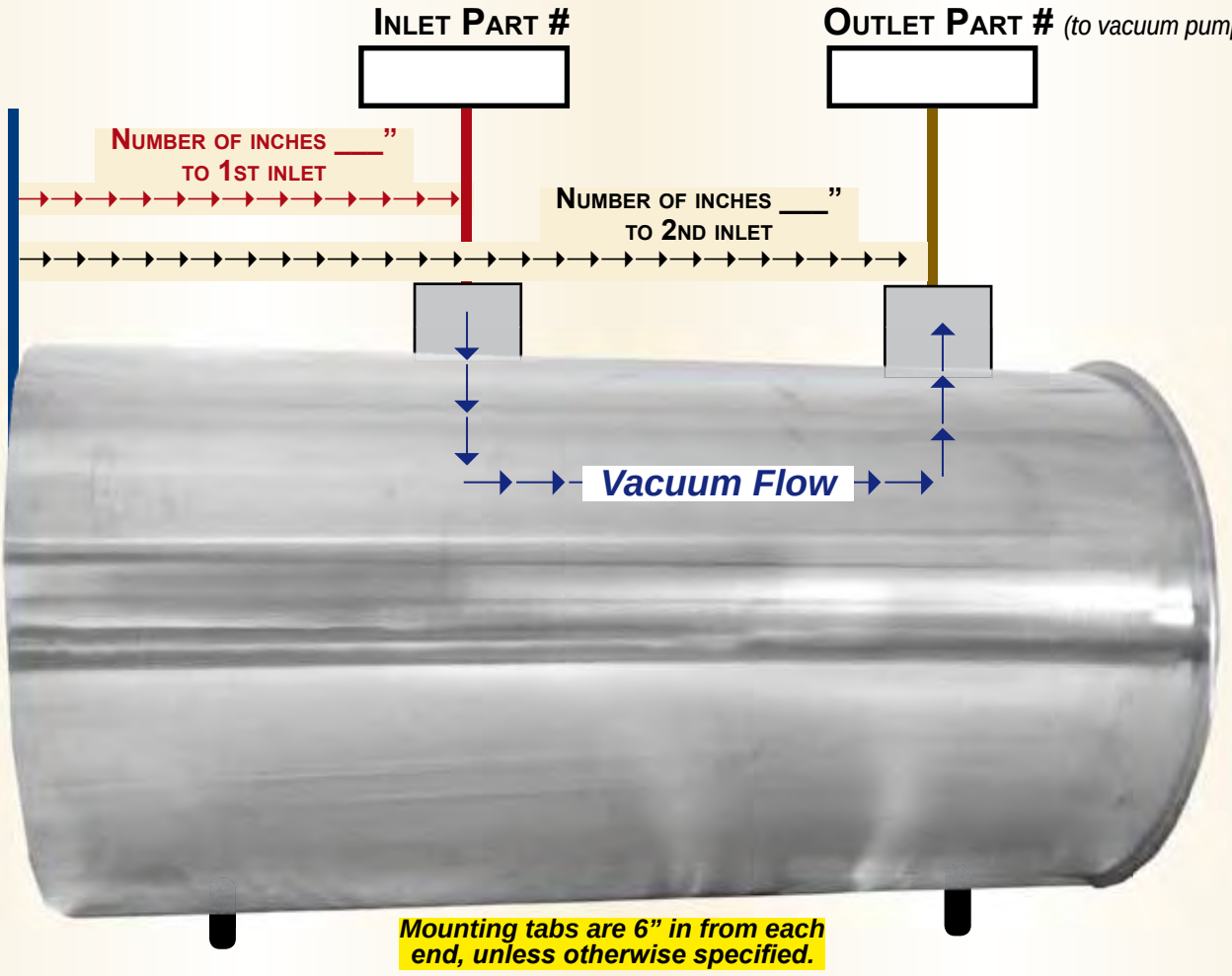
20023 - Kleen Flo Variable Speed Float Assembly, *with 2" I.D. probe holder*

20025 - Reed switch for stainless float probe

20030 - Stainless Float ONLY

12 x 24 Custom Moisture Trap Order Form

Always measure from back of the moisture trap for the vacuum inlet and outlet



Mounting tabs are 6" in from each end, unless otherwise specified.

Date: _____ **PO#:** _____

Business &/or Contact Name: _____

Phone#: _____ **Fax#:** _____

Signature: _____

20250 - Blank horizontal moisture trap, *with lid, gasket and plastic ball*
20275 - 3" NPT threaded outlet welded on moisture trap
20276 - 4" NPT threaded outlet welded on moisture trap
20278 - 4" Tri clamp inlet welded on moisture trap
20278-1 - 4" Tri clamp outlet welded on moisture trap
20279 - 3" Tri-Clamp inlet welded on moisture trap
20279-1 - 3" Tri-Clamp outlet welded on moisture trap

Outlet has a ball seat and cage

Shorter trap sizes available upon request

For more information please call Levi @ 1-800-768-0887
Fax order to: 717-355-5132

ORDER FORM

After completing this order form please fax or e-mail
An order confirmation will be sent back to you if you provide a return fax number or e-mail address.

Fax: 877-204-7628 **E-mail: sales@ezmilking.com**

P.O. Number_____ **Date**_____

Name_____
Address_____
City_____
State_____ ZIP_____
Contact_____
Ship Via_____

(If same check here ❑)
Ship To_____
_____
_____
Phone Number_____
Fax Number_____
E-mail_____

Orders under $35.00 are subject to a $5.00 handling charge

Quantity	Part Number	Description	Price	Total
			Order Total *(Plus shipping)*	

E Zee Milking Equipment LLC
3910 E Newport Rd
Gordonville, PA 17529
Fax: 717-768-7791

Customer Service is our Goal

RMA Form

In order that we may handle your returned mechandise more quickly and efficently, Please complete this and return this form with ALL MERCHANDISE you are returning. Failure to include this form with ALL returns will delay processing of credit until received.

ALL RETURNS WILL BE SUBJECT TO A RESTOCKING CHARGE

Date _____

Customer Name _____

Address _____

Town _____ State _____ Zip _____

Phone Number _____

Invoice #	QTY	Item #	Description	New	Used	For Repair	Cost	Total

Sub-Total	
Shipping	
% Restocking	
Total credit	

Notes _____

_____

_____

_____

INDEX

~ A ~

A.O. Smith, Milk Pump Motors 43
ACME Transformers 23, 128
Accuweigh II Jar and parts 130
Adaptors, Bucket Lid 20,79
Aeon-PD Oil 98
Air Blow Valve 54
Air Injector Remotes 61
Air Injector, and parts for Kleen-Flo 61
Air Injector, Whisper Jet 61
Air Tees 11
Air Tubes 16
Air valves, GM 131-132
Alto Washer Parts 59
Amish Manure Fork 73
Arms, Hose Support 74
Auto Stallcocks 18

~ B ~

B-Style Milk Pump 39
Backflush valve 57
Balance Tanks 98
Barrel Claws 3,8
Bases, Motor 99
Bearings, Vacuum Pump 94,106-107
Beco Claw, parts for 10
Belts 99
Bender Diverter 56
Bender, parts for Releaser & Trap 47
Bender Pipeline Washer 56
Bio Claw, parts for 7
Blank Inlet Covers 68
Blank Receiver Form 28
Blanket, Calf 49
Blue Milk Valves 69
Blue Pipeline Brackets 71
Blue Water Valves 57
Bogs Boots 73
BouMatic Takeoff, parts for 108-111
BouMatic Milk Pump, parts for 39
BouMatic Pulsator, parts for 24
Breakaway Clips 128
Bucket Handles 76
Bucket Lids 78-79
Bucket Units, Cow 77
Bucket Units, Goat & Sheep 81-82
Buckets, Plastic 76,82
Buckets, Stainless 76
Bulbs, Takeoff 108,115,117
Bulbs, Surge pulsation 26
Bulk Tank Valves 57
Bull & Bully Scoops 73
Buna Gaskets 66
Butterfly Valves 57

~ C ~

Cable for Model E Cylinder 135
Calf Blankets 49
California Claw 3
Cam, for Electrobrain 57
Cans, Milk 76
Canes, Milk Inlet 68-69
Caps, End 65
Carrying Hanger 71
CFM Tester 101
Chain, Stainless 128
Chambers, HP bucket lid 20
Check Valve, Brass 97
Check Valve, Releaser 47
Check Valves, Milk Pump 46
Check Valve, Swing 97
Chore Boy Parts 70
CIP, Fold Down 53
CIP, parts for 52-53
CIP, parts for DL 54
CIP Rack, Drawer Style 52
CIP Racks 52-53
CIP Tee 52
CIP, Under Curb 53
Circuit Board, for ACR-SS 117
Circuit Board, for Surge Pulsation 26
Circuit Board, for BouMatic Pulsation 24
Clamps, Pipeline 65
Clamps, Pinch Style 17
Clamps, Squeeze Style 17
Claw Parts, for Beco 10
Claw Parts, for BIO 7
Claw Parts, for BouMatic 8
Claw Parts, for California 3
Claw Parts, for Delaval 4-5
Claw Parts, for Flo-Star 9
Claw Parts, for Germania 3
Claw Parts, for Harmony 5
Claw Parts, for IBA 8
Claw Parts, for Look-In 70
Claw Parts, for NuPulse 12-13,81
Claw Parts, for Quadra-Flo 70
Claw Parts, for Surge 7
Claw Parts, for Universal 10
Claw Parts, for Westfalia 6-7
Claw Wash Tubs 59
Claw Windows 3, 7-8
Claws, Goat & Sheep 81-83
Cleaner, TKX 95
Clip, Breakaway 128
Closures, Nipple 68
Cluster Washer, 6-Unit 59
Conde Vacuum Pumps 86-87
Coolers, Plate & Tube 50-51
Covers, for Pulsators 21-27
Crowd gate cylinder for BM 109
Cylinder, Air, for Takeoffs 108,114,121
Cylinder Chain, for Model C 135
Cylinder Mounting Brackets 108,111-114
Cylinder Rope, for Delaval Takeoff 114
Cylinder Rope, for Westfalia Takeoff 118

~ D ~

D - Style Milk Pump 38-39
D#95 Pulsators and parts 21
Decade Boxes 126
Delaval Milk Pump, parts for 38-39
Delaval Takeoff, parts for 114-115
Delaval Vacuum Pumps, Rebuilt 104
Dellatron Contoller 23
Dellatron Pulsator Kits 23
Delrin Valve 17
Depend-O-Drains 56
Diaphragm, for BM sensor 109
Diaphragm, for DL sensor 115
Diaphragm, for WF sensor 119
Digital Vacuum Gauge 101
Dippers, Teat 62-63
Diverters, Bender 56
Diverter, Milk Wash 54
Diverters, NuPulse 61
Drain, Duckbill 52
Drain Elbows 46
Drain, parts for Milk Pump 46
Drains, Vacuum Line 101
Drains, Wash Vat 55-56
Drawer, CIP 52
Drip Drain 101
Drippers/Oilers 96
Drive Kits, for Sutorbilt 94
Duckbill Drain 52
Dump Chamber Parts, CB 70
DV-300, parts for 20

~ E ~

E 5 Vacuum Pumps 102
E 7.5 Vacuum Pumps 102
Eclipse Claw, parts for 7
Eco Plate Coolers 51
Elbows, Drain 46
Elbows, Stainless 64,66
Electric Pulsation for goats 83
Electrobrain Washer, parts for 57
End Cap with Nipple 65
End Caps 65
Exhaust Flappers 97
EZ By Pass Units 92
E-Zee Clean Unit 95

~ F ~

Ferrules, Stainless 65
Filter Assemblies 48-49
Filter Assemblies for Transfer Stations 48
Filter Dispensers 49
Filter Grommets 48
Filters, for Pulsators 21-22,24-25,27
Filters, Pre 98
Fittings, Galvanized 97
Fittings, Stainless 64-67
Flapper Valve Seat 46
Flapper Valves, Rubber 46
Flappers, Exhaust 97
Flo-Star, parts for 9
Flo-Vu Style claw 4
Fly Tape, Mr. Sticky 18
Fresh Air Covers 24-26
Fresh Air Pulsation Filter 25
Fresh Cow Lid 78-79
Full-View style claw 10

~ G ~

Galvanized Fittings 97
Gaskets, Glass Line 66
Gaskets, Inlet 68-69
Gaskets, Lid 78-79
Gaskets, Pipeline 66
Gaskets, Surge Pipeline 66
Gaskets, Teflon 66
Gaskets, Tri-Clamp 66
Gate Valves, PVC 97
Gauges, Vacuum 101
Germania Claws and parts for 3
Germania Takeoff, parts for 130-135
Germania Takeoffs, Rebuilt 130
Glitex Clear Tubing 16
Goats, Milking Equipment for 80-83
Goats and Sheep, supplies for 84-85
Goosenecks, for Milk Inlets 68-69
Grease, Castrol for vacuum pumps 98
Grommets, for Milk Filters 48
GTA Parts 70

~ H ~

Hand Sink 54
Hangers, Pipeline 71
Hangers, Takeoff 127
Harmony claw, parts for 5
Holdren Brothers, Pipeline Washer 58
Holdren Brothers, Tank Washer 58
Hooks, Hose 71
Horizontal Moisture Trap 32
Horizontal Wash Vats 55
Hose, Rubber and Glitex 16
Hose Clip 71
Hose Hooks 71
Hose Routing Ports 71
Hose Support Arms 74
HP Pulsator, parts for 22

~ I ~

IBA Style Claw, parts for 8
Impulse III, VSD 44
Impeller, Mueller, for wash 60
Impellers, for milk pumps 38-39,43
Inflation plugs 15
Inflations 14-15
Inflations, Goat 81-83
Inflations, Sheep 81-83
Inlets, Milk 68-69
Inline Filter Assemblies 48
Interpuls, Adaptors for 20
Interpuls Pulsator, parts for 21,25
Interpuls Takeoff Sensor 125

~ J ~

J-Sleeves 97
Jet Flo Shell 11
Jetter Cups 52
Jetter, NuPulse 58
Jetter Racks & parts 52-53

~ K ~

Keypad, for SST 114
Kleen-Flo Claws 6
Kleen-Flo Inflation 14
Kleen-Flo Air Injectors 61
Kleen-Flo LLC 35-37
Kleen-Flo Milk Filters 48
Kleen-Flo Milk Pumps & parts 38-39
Kleen-Flo Pasteurizer 72
Kleen-Flo Probe Assemblies 34,36
Kleen-Flo Pulsation Boards, ... 22-24,26,83
Kleen-Flo Takeoff 124-125
Kleen-Flo Washer 59

~ L ~

L-Hangers 71
Labels, for Takeoffs 129
LED Bulb for BM 108
Lever Stallcocks 19
Lid Gaskets 78-79
Lids, Bucket 78-79
Limit Switch 56
Line Drain 101
Line Mounting Brackets 71
Links, Split 128
Liquid Level Control, and parts for 34-37
Little Champ Takeoff, parts for 123
LL90 Pulsators 25
Look-In Claw, parts for 70
Lowline Reciever Group Pkgs 29

~ M ~

MA Valves 132
Mac Valve for Delaval Air Injector 61
Mac Valve for Delaval Takeoff 114
Mac Valve for Surge Takeoff 121
Magnetic, Delaval Pulsation parts for 22
Magnetek Milk Pump Motors 43
Maple Operations, Vacuum System for 103
Mark II Regulator, and parts for 100
Masport Pumps, and parts for 104,106
Meters, Waikato 75
Milk Buckets 76
Milk Canes 68-69
Milk Cans, Stainless 76
Milk Filter Assemblies, and parts for 48
Milk Inlet Canes 68-69
Milk Inlets 68-69
Milk Jug Filler 72
Milk Line Clamp, Metatron 119
Milk, Meter 75
Milk Pump Check Valves 46
Milk Pump Drains 46
Milk Pump Seal Kits 45
Milk Pumps, B Style 39
Milk Pumps, D Style 38-39
Milk Pumps, Kleen-Flo 38-39
Milk Pumps, Thomsen 40-41
Milk Pump Motors 40-43
Milk Tubes 16
Milk Valve, Pads 69
Milk Valve, Surge 69
Milk Valves, Blue 69
Mini Milker, NuPulse 87
Mitered Bends 67
Model B, GM Takeoff 130
Model B GM Takeoff, parts for 133
Model SB GM Takeoff 130
Model SB GM Takeoff, parts for 133
Model C GM Takeoff 130
Model E GM Takeoff 130
Moisture Trap, Horizontal 32
Moisture Trap, for Jar Releaser 47
Moisture Trap, White Rippled 32
Motor Bases 99
Motor Starters 91
Motors, Milk Pump 40-43
Motors, Tank Washer 43
Motors, Vacuum Pump 90-91
Mounting Stands, for Receivers 30-31
Mr. Sticky Fly Tape 18
Mueller, board and impeller, for wash 60
Mufflers 99

~ N ~

Nipple Closures 68
NuPulse Claws 12-13,81
NuPulse Claw Washers 58-59
NuPulse Goat Milker and parts 81
NuPulse Impulse III VSD 44
NuPulse Mini Milker 87
NuPulse Reflex VSD 92
NuPulse Deluxe Reflex VSD 93
NuPulse Pipeline & Tank Washers 58
NuPulse Shells 11
NuPulse Takeoffs 122
Nuts, Hex 65

~ O ~

OHTA Pulsators 22
Oil, AEON 98
Oil Reclaimers 103
Oilers & Drippers 96
Omni Takeoff, parts for 120
Orbit, parts for 7
Order Form 138
Order Form, for custom moisture trap 137
Order Form, for custom probe 136
Order Form for Receivers 28
O-ring, Visi Shell 11

~ P ~

Pails 76
Pasteurizer, Kleen-Flo 72
Peristalic Pumps 60
Pinch Valve, Squeeze 17
Pinch Valve, Vacuum Operated 46
Pipeline Brackets, Blue Coated 71
Pipeline Clamps 65
Pipeline Fittings 64-67
Pipeline Gaskets 66
Pipeline Hanger 71
Pipeline Washer 56,58
Pipeline, Stainless 64
Plastic Eco Bucket 82
Plastic Buckets 76,82
Plastic Ferrules 19
Plastic Trap Lids 79
Plate Coolers 50-51
Plugs, Inflation 15
Portable Pumping Unit 58
Portable Vacuum Pumps 86-87
Ports, Routing 71
Power Supply for BM Takeoffs 108
PowrDippers & PowrSprayers 62-63
Pre-Filters, PVC 98
Probe Assembly 34-36,44
Probe, Variable Speed 34,44
PT Valves for GM 131-132
Pulsation Boards, ... 22-24,26,83
Pulsation Controllers 23-26,83
Pulsator Adaptors 20
Pulsator, D#95 Vacuum 21
Pulsator, LL90 Vacuum 25
Pulsator, OHTA Vacuum 22
Pulsator Parts, BouMatic 24
Pulsator Parts, Delaval 22-23
Pulsator Parts, Surge 26-27
Pulsator Parts, Universal 25
Pulsator Parts, Westfalia 27
Pulse-Pro Pulsator Parts 70
Pump, Milk 38-41
Pump, Peristalic 60
Pump, Vacuum 86-89,102-105
Pump, Vacuum, Misc. parts for 96-99
PVC Balance Tanks 98
PVC Pre-Filter 98

~ Q ~

Quadra-Flo Parts 70
Quart Jar Moisture Trap 47
Quarter Milkers 17

~ R ~

Rack, CIP....52-53
Rebuild Kit, for D#95....21
Rebuild Kit, for LL90....25
Receiver, Group Packages....29
Receiver Lid....30
Receiver, Order Forms....28
Receiver Stands....30-31
Receivers, Fixed Bottom....30
Receivers, Swivel Bottom....31
Reclaimers, oil....103
Reducers....66
Reed Switches, BM Receiver Box....36
Reed Switches, for Delaval....115
Reflex VSD....92-93
Regulators....100
Relay, LLC....35
Releaser Parts....47
Remotes, Air Injector....61
Repair Link....128
Restrictor, CIP....52
Return Merchandise Form....139
RJB Products....62-63
Roll-On Ferrules....65
Routing ports....71
Rubber Hose....16

~ S ~

Seal Kits, Milk Pump....45
Seals, Vacuum Pump....106-107
Sentinel Regulators, and parts for....100
Sheep and Goat Supplies....84-85
Sheep, Claws....81-83
Sheep, Clusters....81-83
Shells, Cow....11
Shells, Goat & Sheep....81-83
Shovels....73
Shutoffs, for Air Takeoffs....113,132
Shutoff Valve, for Vacuum Takeoffs....128
Shutoff Valves....17
Silencers....99
Sinks, and parts for....54-55
Sleeve, Rubber 6J & 8J....97
Snaps, Stainless....128
Solenoid, for BM Takeoffs....111
Solenoid, for Plate Cooler....50
Sprayers, Powr....63
Split Links....128
Sputnik, parts for....47
Squeeze Clamps....17
SST#2 Takeoff, parts for....114-115
Stainless Chain....128
Stainless Fittings....64-67
Stainless Receiver....28-31
Stainless Shutoff Valve....17
Stainless Snaps....128
Stainless Steel Motors....42-43
Stainless Trap Lids....78-79
Stainless Tubing....64
Stallcocks, and parts for....18-19
Stallcock Parts, for Chore Boy....70
Stands, Receiver....30-31
Stands, Vacuum Pump....89,99
Starters, Motors....91
Sterling Milk Pump Motors....42
Strainer, Stainless, and parts for....49
Strangko, Blue Milk Valves....69
Strangko Pulsator Kits....25
Super Claw....4
Super Lite Style Claws....4
Surge, Liquid Level Boards for....37
Surge, Pulsation parts for....26-27
Surge, Rebuilt Vacuum Pumps....105
Surge, Vacuum Pump parts for....107
Sutorbilt Vacuum Pumps....88-89
Swing Check Valves, Brass....97
Swing Check Valves, PVC....97
Swivel Bottom Receivers & parts....31

~ T ~

Takeoff Chain, stainless....128
Takeoff Hangers....127
Takeoff Labels....129
Takeoff Parts, for BM....108-111
Takeoff Parts, for DL....114-115
Takeoff Parts, for GM....130-135
Takeoff Parts, for Kleen-Flo....124-125
Takeoff Parts, for Little Champ&Waikato....123
Takeoff Parts, Miscellaneous....126,128
Takeoff Parts, for Surge....120-121
Takeoff Parts, for UN....123
Takeoff Parts, for WF....116-119
Takeoffs, Rebuilt GM....130
Tanks, Balance....98
Tank Washer....58
Teat Dippers....62-63
Tee, CIP....52
Tees, Tri-Clamp....64
Tees, Weld-On....64
Teflon Gasket....66
Tension Hanger....71
Terminals, Circuit Board....128
Thomsen, Milk Pumps....40-41
Tidal-Flo Style Claw....10
TKX Oil....95
Tool, Window Removal....10
Transfer Milk Pumps....38-41
Transfer Station Parts....47
Transformer, ACME....23,128
Transformer, Kleen Flo....128
Transformers, for BM Pulsation....24
Trap Bends....32-33
Trap Lids....78-79
Traps, Moisture....32-33
Trap, parts for....32-33
Trap, Stainless Vertical....33
Tri-Clamp Fittings....64-67
Tube Coolers....50
Tubes, Air....16
Tubes, Milk....16
Tubing, Hangers....71
Tubing, Stainless....64
Tubing, Rubber....16
Tubing, Plastic....16

~ U ~

U-Bends, 180°....67
U-Bends, Mitered....67
U-Bolts....52-74
U-Cups, for GM....135
U-Hangers....71
Universal Claw, parts for....10
Universal Takeoff, parts for....123
Universal Pulsator, parts for....25

~ V ~

Vacupulse, parts for....27
Vacurex, filter for....100
Vacuum Controllers....100
Vacuum Drain Valve....101
Vacuum Gauges....101
Vacuum Pulsators....21-22,25
Vacuum Pump Motors....90-91
Vacuum Pump, rebuild kits....106-107
Vacuum Pumps, misc. parts for....96-99
Vacuum Pumps, BouMatic....105
Vacuum Pumps, Delaval....104
Vacuum Pumps, E 5 and E 7.5....102
Vacuum Pumps, Masport....104
Vacuum Pumps, Portable....86-87
Vacuum Pumps, Surge....105
Vacuum Pumps, Sutorbilt....88-89
Vacuum Pumps, Westfalia....105
Vacuum System, for Maple Operations....103
Valve, Air Blow....54
Valves, Butterfly and Bulk Tank....57
Valves, Gate....97
Valves, for Germania....131-132
Valves, Milk....68-69
Valves, Milk Pump....46
Valves, Plastic Shutoff....17
Valves, PT 421....132
Valves, Stainless Shutoffs....17
Valve, Water....57
Vanes, Vacuum Pump....104-105
Variable Speed Drive Packages....44,92-93
Vertical Wash Vats....55
Visi Shell O-rings....11
VSO Takeoff parts....120

~ W ~

Waikato Meters....75
Waikato takeoff....123
Wash Accessories, NuPulse....58
Wash, Mueller board and impeller....60
Wash Plugs....54
Wash Vats....55
Wash Y's....66
Washer Parts, for Alto....59
Washer, Bucket....59
Washer, Bender Pipeline....56
Washer, NuPulse Pipeline....58-59
Washer, NuPulse Unit....58
Washers, parts for....56-59
Washer, Tank....58
Wash Tubs for Claws....59
Water Valves....57
Weigh Jar, Accuweigh II....130
Weld-On Fittings, Stainless....64-65
Westfalia Pulsator, parts for....27
Westfalia Lid, parts for....78
Westfalia, Rebuilt Vacuum Pumps....105
Westfalia Takeoff, parts for....116-119
Windows, Claw....3, 7, 8, 10
Wiring Harness, for Dellatron....23
Wiring Harness, for SST#2....115

~ Y ~

Y's, for Single Pulsation....4
Y's, Wash....66

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